



ज्ञानं परमं बलम्



GOVT. MADHAV SCIENCE COLLEGE, UJJAIN

A GRADE ACCREDITED THROUGH NAAC

DST-FIST SUPPORTED

AFFILIATED TO VIKRAM UNIVERSITY UJJAIN

IN FRONT OF POLYTECHNIC COLLEGE DEWAS ROAD, UJJAIN



Workshops and Seminars attended by Teachers on Curricular aspects

FACULTY ACADEMIC INFORMATION (CONFERENCE/SEMINARS ATTENDED)

S.No.	Session	Name of Faculty	Webinar and Seminar attended by Faculty
1	2015-2016	Dr.Kalpana Virendra Singh	<p>."Chemical Hazard and Environment"</p> <p>National Seminar at Govt. Arts Science and Commerce College Nagda 10th and 11th March 2016</p> <p>National Conference on Crystallography Social issues & environment 19-20, 2016</p> <p>National Consortium "From Photonics to Economic Impact of Light" Organized by Govt. Madhav Science College, Ujjain (M.P.) 3rd and 4th February 2016</p> <p>"National Seminar on Light and Light Technologies 2016 "National Seminar at Govt. Girls' P.G. College Ujjain M.P. 26th February 1st March and 2nd March 2016</p>
2		Smt. Pratibha Namdeo	<p>Crystallography & ITS Applications" by Govt.Girls P.G.College, Ujjain 15th & 16th March"2016</p> <p>National Consortium "From Photonics to Economic Impact of Light "Organized by Govt. MadhavScience " From organized by Govt. MadhavScience College,Ujjain (M.P.) 3rd and 4th February 2016</p> <p>"National Seminar on Light and Light Technologies 2016 National Seminar at Govt. Girls' P.G. College Ujjain M.P. 26th February 1st March and 2nd March 2016</p>
3		Dr. Rekha Nagwanshi	<p>National Consortium"From Photonics to Economic Impact of Light "organized by Govt. Madhav Science College, Ujjain (M.P.) 3rd and 4th February 2016</p> <p>"Crystallography & ITS Applications" by Govt. Girls P.G. College, Ujjain 15th & 16th March 2016</p>

			Basics of Bioinformatics 10-09 2015 Chemistry Teacher Training 6 to 8 th october
4		Dr. Shubhangi Vaidhya	Basics of Bioinformatics 10-09-2015 National Consortium "From Photonics to Economic Impact of Light" organized by Govt. Madhav Science College, Ujjain (M.P.) 3 rd and 4 th February 2016
5		Komal Chelaramani	The National Conference on Crystallography & Its Applications 15-03-2016 Workshop on working and repair of science instrument 19 jan to 27 jan 2015.
5		Shruti Sharma	National Seminar of latest trends and analytical instrumentation and Innovative techniques Workshop on working and repair of science instrument 19 jan to 27 jan 2015.
6		Ravikant Yadav	National workshop on basic of bioinformatics 10-12 sept. 2015 Paper presented in national consortium "from photonics to economic impact of light" organized by Govt. M.V.M. Ujjain sponsored by MPCST Bhopal on 28 feb. 2016.
7		Dr. K.S.V	From Photonics to economic Impact of Light 03-04 Feb. 2016
8		Dr. H.S. Dwivedi	From Photonics to Economic Impact of Light 03-04 Feb. 2016 Water Resource, Energy Resource, Air Resource, Land Resource, Agriculture Resource
9		Dr. Pinky Dwivedi	From Photonics to Economic Impact of Light 03-04 Feb. 2016 Water Resource, Energy Resource, Air Resource, Land Resource, Agriculture Resource 29-30 March 2016
10		Dr. Shakuntala Pandey	Water Resource, Energy Resource, Air Resource, Land Resource, Agriculture Resource 29-30 March 2016 National Consortium "From Photonics to Economic Impact of Light" organized by Govt. Madhav Science College, Ujjain (M.P.) 3 rd and 4 th February 2016

			<p>International year of Light and light based Technologies 2015-16 Organized by Dept. Of Physics Govt. Girls P.G. College, Ujjain (M.P.) 26th Feb. To 2nd March 2016</p> <p>Basics of Bioinformatics 10-09-2015</p> <p>Crystallography & ITS Applications crystallography & ITS Applications Govt. Girls Govt. Girls P.G. College, Ujjain 15th & 16th March 2016</p>
11		Dr. Arpan Bhardwaj	<p>Basics of Bioinformatics 10-09-2015</p> <p>From Photonics to Economic Impac to flight</p> <p>The National Conference on Crystallography & Its Applications</p> <p>Latest Trends in Analytical Instrumentation and Innovation Techniques 19th & 20th 2015</p>
12		Dr. Jeeven Singh Solanki	<p>Latest Trends in Analytical Instrumentation and Innovation Techniques 19th & 20th 2015</p> <p>Chemistry Teachers Training Workshop Oct. 6-8 2015</p> <p>National consortium/ Science Festival "From photonics to Economic Impact of light" Feb 2016</p> <p>National Conference on Crystallography and Its Application 15th and 16th March 2016</p>
13		Dr. Ajay Saxena	<p>From photonics to economic impac to flight 3,4 Feb. 2016</p> <p>Water Resource, Energy Resource, Air Resource, Land Resource, Agriculture Resource 29-30 March 2016</p> <p>"National Seminar on Light and Light Technologies 2016 "National Seminar at Govt. Girls' P.G. College Ujjain M.P. 26th February 1st March and 2nd March 2016</p>
14		Dilip Soni	<p>Water Resource, Energy Resource, Air Resource, Land Resource, Agriculture</p>

			<p>Resource 29-30 March 2016</p> <p>From photonics to economic impact of light 3,4 Feb. 2016</p> <p>“National Seminar on Light and Light Technologies 2016 ”National Seminar at Govt. Girls’ P.G. College Ujjain M.P. 26th February 1st March and 2nd March 2016</p>
15		Dr. Pramod Malviya	<p>National seminar on environmental conservation, pollution and biodiversity. 3-4 Nov 2015</p> <p>National Conference on recent trends in physical, chemical and environment sciences 21 march 2016</p> <p>“Chemical Hazard and Environment”</p>
16		Dr. Seema Trivedi	<p>Causes and Consequences of Bio-Diversity Loss 11-12 January 2016</p> <p>From Photonics to Economic Impact of Light. 3-4 February 2016</p> <p>Strategies for Sustainable use of Land, Water, Air, Agriculture and Energy Resources. 29-30March</p>
17		Dr. Nitin Tiwari	<p>Basics of Bio-informatics 10-09-2015</p> <p>The Study of Sewage treatment or domestic waste water Oral Paper Presented National Seminar, Strategies for Sustainable Use of Land, Water, Air, Agriculture and Energy Resources on Sponsored by UGC-C RO Bhopal 29-30 March 2016</p>
18		Dr. Manmeet Makkad	<p>Crystallography and its applications 15-16 March 2016</p> <p>Chemical Hazards and Environment 10-11 March 2016</p> <p>Strategies for Sustainable Energy resource 29-30 March 2016</p> <p>Light and Light Based technologies 26 Feb and 1-2 March 2016</p>
19		Dr. Rekha Khanna	<p>From Photonics to Economic Impact of Light Govt.Madhav Science P.G. College, Ujjain, 3rd& 4thF eb2016</p>

			<p>National Seminar on light & light Based Technologies 2016, Govt. Girls P.G. College, Ujjain, 26 Feb., 1, 2 March 2016.</p> <p>Strategies for Sustainable Use of land, Water, Air, Agriculture and Energy Resources”, Govt. Kalidas Girls College, Ujjain 29-30 March 2016</p>
20		Dr. Manjula Jain	<p>From Phonic to Economic impact to flight 3 & 4 Feb. 2016</p> <p>International year of Light and light based Technologies 2015-16 Organized by Dept. Of Physics Govt. Girls P.G. College, Ujjain (M.P.) 26th Feb. To 2nd 21 March 2016</p>
21		Dr. R.C. Hemnani	<p>Department of English. Shri Atal Bihari Vajpayee Arts and Commerce College, Indore, DAVV (Devi AHILAYA VISHWAVIDYALAYA INDORE) 03-04 December 2015</p>
22		Dr. Pushpa Jatwa	<p>Basics of Bio informatics 10-09-2015</p> <p>National Consortium “From Photonics to Economic Impact of Light” organized by Govt. Madhav Science College, Ujjain (M.P.) 3rd and 4th February 2016</p> <p>Workshop on water air Revolution 4th and 5th MARCH</p>
2.	2016-2017	Ravikant Yadav	<p>Drug discovery technology approach of computational chemistry in drug design 8 Sep. 2016</p>
		Shruti Sharma	<p>Drug discovery technology approach of computational chemistry in drug design 8 Sep. 2016</p> <p>Cluster for Enhancing Quality through Innovation and Collaboration 3 Nov. 2016</p>
3		Smt. Partibha Namdeo	<p>Cluster for Enhancing Quality through Innovation and Collaboration 3 Nov. 2016</p> <p>Drug discovery technology approach of computational chemistry in drug design</p>

			8 Sep. 2016
4		Dr. Rekha Nagwanshi	Drug Discovery Technology Approach of Computational Chemistry in Drug Design A New ERA of Bioinformatics & Biotechnology 8-12 Sep2016 Advances in Environmental and Chemical Sciences "Pt. Ravishankar Shukla University Raipur CG" March 17-18,2017
5		Dr.Shakuntala Pandey	Cluster for Enhancing Quality through Innovation and Collaboration 3 Nov.2016 Drug discovery technology approach of computational chemistry in drug design 8 Sep. 2016
6		Dr. Arpan Bhardwaj	Drug discovery technology approach of computational chemistry in drug design 8 Sep.2016 Cluster for Enhancing Quality through Innovation and Collaboration 3 Nov.2016
7		Dr. Jeeven Singh Solank	Drug Discovery Technology Approach of Computational Chemistry in Drug Design A New ERA of Bioinformatics & Biotechnology 8-12 Sep2016
8		Dr. Seema Trivedi	WORKSHOP ON PROTIN-PROTIN INTERACTION
9		Dr.R.K. Neema	Bherulal Patidar Govt.PG College Mhow (Preparation of Researc dh Proposal and Scientific Paper Writing) 30&31 January 2017
10		Dr.Kalpana Virendra Singh	Drug Discovery Technology Approach of Computational Chemistry in Drug Design A New ERA of Bioinformatics & Biotechnology 8-12 Sep 2016 5 days workshop in CHEMOINFORMATICS
	2017-2018	Dr.Kalpana Virendra Singh	"National Workshop on separation Techniques" National Workshop at School of Studies in Chemistry and Biochemistry, Vikram University Ujjain 23 rd February and 24 th February 2018 "Methodology for preparation of High QualityResearchProject and Networking among MPCST and University Colleges "National Workshop at M.P. Concil of Science and Technology Bhopal 16 th January 2018

		Dr.Shubhangi Vaidhya	New fortunes in science: Aparadism shift policy planning 1-3 Dec2017 Biodiversity Conservation: Need and Strategies01-02 Feb.2018
		Shruti Sharma	Latest Technologies in synthesis with special reference to Microwave assisted Organic reaction enhancement 03.08.2017 New Frontries in Science A paradism shift to policy planning 01.12.17
		Surbhi Shukla	New Frontries in Science A paradism shift to policy planning 01.12.17
		Dr. H.S. Dwivedi	Biodiversity Conservation: Need and Strategies 01-02Feb.2018 New Frontries in Science A paradism shift to policy planning 01.12.17
		Dr. Pinky Dwivedi	New Frontiers in Science: A Paradigm Shift to Policy Planning 01.12.2017 to 03.12.2017 Biodiversity Conservation: Need and Strategies 01-02 Feb.2018
		Smt. Pratibha Namdeo	Latest Technologies in synthesis with special reference to Microwave assisted Organic reaction enhancement 03.08.2017 "National workshop on separation technique 23-02-2018
		Dr. Rekha Nagwanshi	"National workshop on separation technique 23-02-2018 Advances in Environmental and Chemical Sciences,Pt. Ravishankar Shukla University Raipur CG March22-23, 2018 New Frontiers in Science: A Paradigm Shift to Policy Planning 01.12.2017 to 03.12.2017
		Dr. Shakuntala Pandey	Latest Technologies in synthesis with special reference to Microwave assisted Organic reaction enhancement 03.08.2017
		Dr.Jeeven Singh Solanki	Science Aparadigm to policy planning 01/12/2017to 03/12/2017
		Dr. Pramod Malviya	International conference on advances in chemical sciences and allied field sof science, health, education & environment

			8-10march2018] Workshop on recent advantage in Physics
		Dr. Seema Trivedi	Biodiversity Conservation: Need and Strategies 01-02Feb.2018
		Dr. Shailza Acharya	conferenceon: New frontiers in Science : A Paradigm shift to policy planning 1--3 Dec 2017 Biodiversity Conservation: Need and Strategic 01-02Feb.2018
		Dr. Rekha Khanna	New Frontiers in Science: A Paradigm Shift to policy Planning , Govt. Madhav Science P.G. College,Ujjain, 1/12/2017 to 3/12/2017 Biodiversity Conservation: Need and Strategies 01-02 Feb.2018
		Dr.R.C. Hemnani	M.G.E.W.society's Centre for Humanities and Cultural Studies at Maulana Abul Kalam Azad Research Centre,T, V, Centre Road, Aurangabad 17 th February, 2018
	2018-2019		
		Komal Chelaramani	Young Scientist 28.09.2018
		Shruti Sharma	Young Scientist 28.09.2018
		Surbhi Shukla	Young Scientist 28.09.2018
		Ravikant Yadav	Participated one day Seminar on environment and management Organized by vigyan bharti malwa prant Ujjain 18-11-18.
		Ms. Bhawna Malik	Rastriya Vaigyanik Yuva samvad
		Dr.K.S.V.	Rastriya Vagyanik yuva samvad 28 Sep.2018
		Dr. H.S. Dwivedi	Rastriya Yuva Vaigyanic Samvad 28 Sep.2018
		Dr. Pinky Dwivedi	Rastriya Yuva Vaigyanic Samvad 28 Sep.2018
		Ms. Anshu Joshi	Recent Advances and Innovation in the Realm of Commerce (RAIRC-I) 06October,2018
		Ms. Shikha Shivalaya	Recent Advances and Innovation in the Realm of Commerce(RAIRC-I) 06 October,2018
		Dr. Rekha Nagwanshi	"23 rd CRSI National Symposium in Chemistry" by Indian Institute of Science Education and Research Bhopal July 13-15,2018 "Use of ICT in developing effectiveness of

			<p>Teaching skills for teachers in Higher Education” by Chandrashekher azad Govt. PG Nodal College,Sehore MP July 30th, 2018</p> <p>Recent Advances in spectroscopic Techniques March 15-16, 2019</p> <p>Recent Advances on Chemical Sciences and Allied Areas (RACS2A-2018) and 55th Annual Convention of Chemists 2018” Organised by Indian Chemical Society and hosted by Deptt.Of Chemistry GB College Naugachia, Bhagalpur Bihar Dec.28-30,2018</p>
		Dr.Shakuntala Pandey	Govt. Holkar (Model, Autonomous) Science College, Indore (M.P.) National Seminar On Recent Trends in Basic Sciences–RTBS 2018 3 rd and 4 th October,2018
		Dr. Jeeven Singh Solanki	<p>International Conference on use of in Developing Effectiveness of Teaching Skills for Teachers in Higher Education 30 July 2018</p> <p>Chandra Shekharazad Govt. Nodal College Sehore Internation Conference 30 July 2018</p> <p>National Seminar on Recent Advances in Spectroscopic Techniques march 18 15-16-2019</p>
		Dr. Pramod Malviya	Recent advances & innovation in business management & Science 7-8 June 2019
		Dr. Shoubha Shouche	Use of ICT in Developing Effectiveness of Teaching Skills for Teachers in Higher Education July-30, 2018
		Mrs. Bhawna Malik	National Youth Scientist Dialogue
		Dr.Kalpana Virendra Singh	National Seminar on “ Recent Trends in basic sciences” RTBS-2018 3-4 Oct. 2018
	2019-2020	Dr.Shubhangi Vaidhya	National seminar on science & technology for sustainable development
		Dr. Anil Pandey	<p>Govt. Madhav Science PG College Ujjain Seminar on “NEHRU” 14th and 15th November, 2019</p> <p>Govt. Holkar(Autonomous)Science College Indore International Conference On Recent Advances in Life Science</p>
		Dr. Ayaz A. Siddiqui	Govt.Madhav Science PG College Ujjain Seminar on “NEHRU”

			<p>14th and 15th November, 2019</p> <p>Govt. Holkar (Autonomous) Science College Indore International Conference On Recent Advances in Life Science 14th and 15th December 2019</p> <p>Govt. Girl's P.G. College, Ujjain National Seminar On Science and Technology for Sustainable Development 19 and 20 February 2020</p>
		Komal Chelaramani	<p>Academic Lecture on ECONOMICS AND ECOLOGY 08 JULY 2020</p> <p>International webinar on challenges of sustainable development 05-06.06.2020 National Workshop on craft of Scientific writing 09 to 10 July 2020</p>
		Shruti Sharma	<p>NEHRU 14.11.2019</p> <p>National webinar on Preparing for NAAC infrastructure and learning resources 22-23.06.2020</p>
		Neha Jaiswal	<p>QUIZ COMPETITION ON NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY</p>
		Surbhi Shukla	<p>NEHRU 14.11.2019</p> <p>National Webinar on SPECTROSCOPY AND SOLIDSTATE CHEMISTRY 18 JULY 2020</p>
		Ms. Bhawna Malik	<p>Science And Technology for Sustainable Development 19-20 Feb.2020</p> <p>Science In New Era Confluence Of Nature And Science 29 Feb.2020</p> <p>Lecture on Fundamental on NMR 25 June 2020</p>
		Dr. H.S. Dwivedi	<p>Recent Advances in Life Sciences for Betterment of Environment and Human Health 14-15 Dec. 2019</p> <p>Science and Technology for Sustainable Development 19-20 Feb.2020</p> <p>National Level Lecture Series PMR & CMR Tools for Structure ELUCIDATION 26 JULY 2020</p> <p>Academic Lecture on Economics & Ecology 08 July 2020</p>

		Dr. Pinky Dwivedi	Recent Trends in Conservation of Natural Resources 19-20 Nov.2019 Recent Advances in Life Sciences for Betterment of Environment and Human Health 14-15 Dec.2019 Science and Technology for Sustainable Development 19-20 Feb.2020
		Dr.K.P. Sahu	International conference on "Recent Advancement in Life Sciences for betterment of Environment and Human health" 8 th Annual Session of Society of Life sciences, held at Govt. Holkar Science College Indore M P from 14 th to 15 th December 2019
		Smt. Pratibha Namdeo	Material Science 9 June 2020 Scintillating Chemistry 28 June 2020
		Dr. Shakuntala Pandey	International Conference on Emerging Trends in Chemistry Indian Institute of Technology, Indore 12 th to 15 th July 2019 NEHRU14.11.2019
		Dilip Soni	Emerging Interfaces of Physical Sciences and Technology 29,30 Aug. 2019
		Dr. Pramod Malviya	National conference on emerging interfaces of physical sciences and technology 29-30 Aug 2019
		Dr. Seema Trivedi	National Seminar on Nehru 14-15 November 2019 National Seminar on Science and Technology for Sustainable Development 19-20 February 2020 National Webinar on Bio-Diversity, Conservation and Sustainable Development 22 May 2020 National Workshop and Training Programme on Recent Trends in Molecular Biology
		Dr. Shailja Acharya	National seminar on Science and Technology for Sustainable Development 19-20/02/2020 Govt GDC, Ujjain
		Dr. Shoubha Shouche	National seminar on Science and Technology for Sustainable Development 19-20/02/2020 Govt GDC, Ujjain

			International Conference on Recent Advances in Life Sciences for Betterment of Environment and Human Health 14-15December2019
		Ms. Shweta Verma	Fundamentals of NMR 25 June 2020 National seminar on Science and Technology for Sustainable Development 19-20/02/2020 Govt GDC, Ujjain International Conference on Recent Advances in Life Sciences for Betterment of Environment and HumanHealth 14-15 December 2019
		Ms. Garima Saxena	International Webinar on Recent Trends of Teaching in Mathematics in present Situations, Govt. P.G. College, Pipariya (M.P.) 14 May 2020 International Webinar on Recent Advancement in Information Technology & Mathematics, Govt. Narmada College, Hoshangabad (M.P.)17 May 2020
		Sumanshu Sharma	Economics and Ecology Fundamental of NMR
		Dr. Rekha Khanna	National Seminar on "NEHRU", Govt. Madhav Science P.G.College, Ujjain. 14-15 th Nov. 2019. Recent advances in Life Sciences for Betterment of Environment and Human health., Govt.Holkar Science College, Indore, 14- 15Dec, 2019.
		Dr. Pradeep Lakhre	Two day webinar on"online teaching tools & digital platform" 27-28 jun 2020 National Conference on Recent Development in STATISTICS AND ITS APPLICATION 08-09 FEB.2020
		Dr.R.C. Hemnani	School of Studies in English, Vikram University Ujjain 10-11 February 2020
		Dr.Kalpana Virendra Singh	International Conference on Emerging Trends in Chemistry July 12-12-2019 Recent advances in Life Sciences for

			Betterment of Environment and Human health., Govt. Holkar Science College, Indore, 14- 15Dec,2019.
		Dr. Manmeet Kaur Makkad	National webinar on Preparing for NAAC infrastructure and learning resources 22-23.06.2020 Recent advances in Life Sciences for Betterment of Environment and Human health., Govt.Holkar Science College, Indore, 14- 15 Dec, 2019. Fundamental of NMR
		Dr. Kirti Sontakke	In Christian Eminent College Indore Department of Physics in association with IQAC; National Webinar on “Waves in Plasma State ; Propagation Dispersion, Damping 09/06/2020 In MVM Ujjain “Vilakshan” Lecture Series Lecture on fundamentals of NMR by Prof Dewan S Rawat Delhi University 25/06/2020
		Ms. Neha Tiwari	Economics and Ecology 8July

Govt. Arts, Science & Commerce College, Nagda (Dist. Ujjain) M.P.

NATIONAL SEMINAR
ON
CHEMICAL HAZARD AND ENVIRONMENT

Date: 10 & 11 March 2016
NSCHE -2016

CERTIFICATE



This is to certify that *Dr. /Prof. /Mrs. /Ms.* Kalpna Virendra Singh

has actively participated in national seminar on "CHEMICAL HAZARD AND ENVIRONMENT" sponsored by DMI, Bhopal and organized by Dept. of Chemistry, Govt. Arts, Science & Commerce College, Nagda (Dist. Ujjain) M.P.

He/She has presented paper (Oral/Poster) entitled/acted as-----

Govt. Madhav Sciencia College, Ujjain

Convener

Dr. Archana Kushwaha

Dept. of Chemistry, Govt. Arts, Science & Commerce College
Nagda, Dist. Ujjain, M.P.

Patron

Dr. Sheela Ojha

Principal, Govt. Arts, Science & Commerce College
Nagda, Dist. Ujjain, M.P.

National Conference on CRYSTALLOGRAPHY AND ITS APPLICATIONS

15th and 16th March 2016

Certified that

Dr/Ms/Sh...*KALPANA. SINGH.*

of...*Madhav. Science College Ujjain*..... has

participated / presented paper entitled

*"Applications of Crystallography & is
in Drug design"*

awarded best paper prize in oral / poster presentation

category in "The National Conference on

Crystallography & Its Applications"

sponsored by UGC organized by

Govt. Girls' P.G. College, Ujjain.

Anita
Dr. Anita Manchandia
Convener

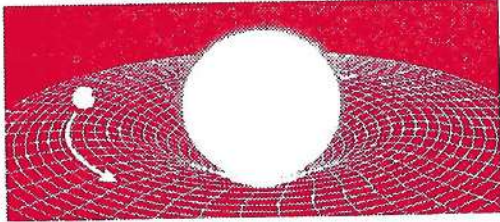
Kalpana
Dr. Kalpana Singh
Convener

Tripta
Dr. Tripta Sapru
Principal

Signature Not Verified
ARPAN BHARDWAJ
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CERTIFICATE



अन्तर्राष्ट्रीय प्रकाश वर्ष- 2015

**International Year of Light & Light
Based Technologies 2015**

**National Seminar On Light & Light
Based Technologies 2016**



Sponsor

**M.P. Council of Science &
Technology, Bhopal**

26 Feb. 1,2 March 2016

CERTIFICATE



Organiser

**Department of Physics
Govt. Girls P. G. College Ujjain (M.P.)**

It is certified that Smt./Shri/Dr./Prof. Kalpana V. Singh
Govt. Madhav Science P.G. College Ujjain (M.P.) has participated in the National Seminar
International Year of Light & Light Based Technologies 2015-16 sponsored
MPCST, Bhopal, organized by Govt. Girls P.G. College, Ujjain. She/He has chaired/ C
chaired a session/ judged a session/ worked as resource person. She/He has presented
research paper entitled Photonics of vitamin D: The "sunshine" vita


Dr. V.K. Gupta
Convener


Dr. Tripta Sapru
Principal

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International Conference On
“Scenario of Biotechnology in 21st Century”
(Silver Jubilee Celebrations of the School of Biotechnology)

MARCH 10 – 12, 2016

This is to certify that *Dr. Kalpana Virendra Singh*
participated/ ~~delivered a lecture~~ / presented a paper (oral/poster) and ~~chaired a session~~ in the International Conference entitled
“Scenario of Biotechnology in 21st Century” organized by the School of Biotechnology, Devi Ahilya University, Indore, India
held on **March 10 – 12, 2016.**

Title of the Paper/Talk: *Membrane Transporters in Drug Delivery and Design*

Prof. Dr. Anil Kumar
Conference Director
Professor & Head, Biotechnology
Devi Ahilya University,
Indore-452001, INDIA

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Govt. Madhav Science P.G. College, Ujjain

DST-FIST College, (NAAC Accredited)

National Workshop

Basics of Bioinformatics

(An IQAC Initiative)

Organized by



CERTIFICATE

This is to certify that

Dr. Kalpna Singh

Sponsored by



University Grant Commission

of *Govt. Madhav Science P.G. College Ujjain*, attended the National Workshop

on "Basics of Bioinformatics" Organized by Govt. Madhav Sciences P.G. College Ujjain on 10th -12th Sept.

We wish the Delegate a bright future in His/her endeavor towards the creation of a better scientific community.

Dr. Shobha Shouche

Convener

Dr. Usha Shrivastava

Principal

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National Conference on CRYSTALLOGRAPHY AND ITS APPLICATIONS

15th and 16th March 2016

Certified that

Dr/Ms/Sh.....PRATIBHA.NAMDEV.

of.....Madhav. Science college ujjain..... has

participated / presented paper entitled

*"Molecular Crystals and Super.....& is
Conductivity"*

awarded best paper prize in oral /poster presentation

category in "The National Conference on

Crystallography & Its Applications"

sponsored by UGC organized by

Govt. Girls' P.G.College, Ujjain.

Anam
Dr.Anita Manchandia
Convener

Kalpana
Dr.Kalpna Singh
Convener

Tripta
Dr. Tripta Sapru
Principa

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CERTIFICATE

Govt. Madhav Science P.G.College ,Ujjain

DST-FIST College

'A' grade accredited through NAAC



Certificate

This is to certify that

Dr. Smt. Pratibha Namdeo

of **Govt. Madhav Science P.G. College, Ujjain** attended the **National Consortium/Science Festival "From Photonics to Economic Impact of Light"** organized to commemorate the **International Year of Light and Light based Technologies** by Govt. Madhav Science P.G. College, Ujjain on 3rd and 4th of February 2016. He/She participated / presented a paper **Photonics and its Economic Impact.**

Dr. Kalpana V. Singh

Coordinator

Dr. Ajay Chaturvedi

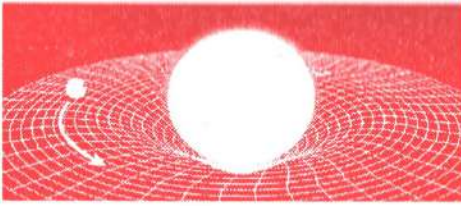
Organising Secretary

Dr. Usha Shrivastava

Principal

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Sponsored by : M.P. Council of Science and Technology, Bhopal



अन्तर्राष्ट्रीय प्रकाश वर्ष- 2015

**International Year of Light & Light
Based Technologies 2015**

**National Seminar On Light & Light
Based Technologies 2016**

26 Feb. 1,2 March 2016

CERTIFICATE



Organiser

**Department of Physics
Govt. Girls P. G. College Ujjain (M.P.)**



Sponsor

**M.P. Council of Science &
Technology, Bhopal**

It is certified that Smt./Shri/Dr./Prof. P. Namdev of
M. V. M. usain has participated in the National Seminar on
International Year of Light & Light Based Technologies 2015-16 sponsored by
MPCST, Bhopal, organized by Govt. Girls P.G. College, Ujjain. She/He has chaired/ Co-
chaired a session/judged a session/worked as resource person. She/He has presented a
research paper entitled Economical effect of Light & its application

Dr. V.K. Gupta
Convener

Dr. Tripta Sapru
Principal

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Govt. Madhav Science P.G.College, Ujjain

DST-FIST College

'A' grade accredited through NAAC



Certificate

This is to certify that

Dr. Smt. Rekha Nagwanshi

of **Govt. Madhav Science P.G. College, Ujjain** attended the **National Consortium/Science Festival "From Photonics to Economic Impact of Light"** organized to commemorate the **International Year of Light and Light based Technologies** by Govt. Madhav Science P.G. College, Ujjain on 3rd and 4th of February 2016. He/She participated /presented a paper **Solvent Dependent Photolysis of Fluorene, 2-Bromo Fluorene and 9- Bromo Fluorene.**

Dr. Kalpana V. Singh
Coordinator

Dr. Ajay Chaturvedi
Organising Secretary

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AJ11@GMAIL.COM,

Sponsored by : **M.P. Council of Science and Technology, Bhopal**

National Conference on CRYSTALLOGRAPHY AND ITS APPLICATIONS

15th and 16th March 2016

Certified that

Dr/Ms/Sh. **REKHA. NAGVANSHI.**

of **Madhav. Science college ujjain** has

participated / presented paper entitled

"Light Induced - - - Derivative" is

awarded best paper prize in oral / poster presentation

category in "The National Conference on

Crystallography & Its Applications"

sponsored by UGC organized by

Govt. Girls' P.G. College, Ujjain.


Dr. Anita Manchandia
Convener


Dr. Kalpana Singh
Convener


Dr. Tripta Sarda
Principal

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Govt. Madhav Science P.G. College, Ujjain

DST-FIST College, (NAAC Accredited)

National Workshop

Basics of Bioinformatics

(An IQAC Initiative)

Organized by



CERTIFICATE

This is to certify that

Dr. Rekha Nagvanshi

Sponsored by



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University Grant Commission

of *Govt. Madhav Science P.G. College Ujjain*, attended the National Workshop

on "Basics of Bioinformatics" Organized by Govt. Madhav Sciences P.G. College Ujjain on 10th -12th Sept. 2015.

We wish the Delegate a bright future in His/her endeavor towards the creation of a better scientific community.

Dr. Shobha Shouche
Convener

Dr. Usha Shrivastava
Principal

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CHEMISTRY TEACHERS TRAINING WORKSHOP

OCTOBER 6-8, 2015

School of Studies in Chemistry, Pt. Ravishankar Shukla University, Raipur 492 010 (C.G.)

Certificate

Certified that **Dr. Rekha Nagwanshi** of Govt. Madhav Science PG College, Ujjain, MP attended the Chemistry Teachers Training Workshop jointly organized by Pt. Ravishankar Shukla University, Raipur and Royal Society Chemistry, WIS.

She actively participated and interacted during sessions.

Girjesh Govil

Prof. Girjesh Govil
INSA Honorary Fellow

R. Pande

Prof. Rama pande
Convener

Dr. R.G. Bhat

Dr. R.G. Bhat
IISER Pune

Prof. S. K. Pandey

Prof. S. K. Pandey
Vice-Chancellor

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Govt. Madhav Science P.G. College, Ujjain

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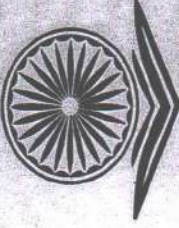
Dr. Shubhangi Vaidya

of *Govt. Madhav Science P.G. College Ujjain*, attended the National Workshop

on "Basics of Bioinformatics" Organized by Govt. Madhav Science P.G. College Ujjain on 10th -12th Sept. 2015.

We wish the delegate a bright future in His/her endeavor towards the creation of a better scientific community.

Sponsored by



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University Grant Commission

Shouche

Dr. Shobha Shouche

Convener

Usha

Dr. Usha Shrivastava

Principal

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Govt. Madhav Science P.G. College, Ujjain

DST-FIST College

'A' grade accredited through NAAC



Certificate

This is to certify that

Dr. Smt. Shubhangi Vaidya

of **Govt. Madhav Science P.G. College, Ujjain** attended the **National Consortium/Science Festival "From Photonics to Economic Impact of Light"** organized to commemorate the **International Year of Light and Light based Technologies** by Govt. Madhav Science P.G. College, Ujjain on 3rd and 4th of February 2016. *He/She* participated / presented a paper
.....and is awardedprize in
category.


Dr. Kalpana V. Singh
Coordinator


Dr. Ajay Chaturvedi
Organising Secretary


Dr. Usha Shrivastava
Principal

Sponsored by : M.P. Council of Science and Technology

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Govt. Madhav Vigyan Mahavidhyalaya, Ujjain

Workshop
on

“Working and Repair of Scientific instruments”

19 January 2015 to 27 January 2015

Organizer

Career Guidance Cell

Agency

Biological Museum,

Agra, U.P.

Sponsored by

Career Margdarshan

Yojna,

Higher Education,

M.P. Govt., Bhopal.

This is to certify that Sh./Smt./Ku. ~~Komal~~.....

~~Chulaxmasi~~.....Class ~~Guest faculty~~ has attended the workshop.

We wish him/her all success.

Dr. H.S. Dwivedi

Placement Officer

Biological Museum

Trainer

Dr. Smt. Usha Shrivastava

Principal



Organizer
Career Guidance Cell

Agency
Biological Museum,
Agra, U.P.

Sponsored by
Career Margdarshan
Yojna,
Higher Education,
M.P. Govt., Bhopal.

Govt. Madhav Vigyan Mahavidhyalaya, Ujjain

Workshop
on

“Working and Repair of Scientific instruments”

19 January 2015 to 27 January 2015

This is to certify that Sh./Smt./Ku. *Shruti*
Sharma Class *Guest faculty* has attended the workshop.

We wish him/her all success.

H.S. Dwivedi
Dr. H.S. Dwivedi
Placement Officer

Arvind Kumar
Biological Museum
Trainer

Usha Shrivastava
Dr. Smt. Usha Shrivastava
Principal

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Govt. Madhav Science PG College, Ujjain
DST-FIST College, (NAAC Accredited-B++)

**Latest Trends in Analytical Instrumentation
and Innovative Techniques**

CERTIFICATE

This is to certify that

Komal Chelaramani

Of..... Govt. Madhav Science PG College, Ujjainattended the Seminar on "Latest Trends in Analytical Instrumentation and Innovative Techniques" organized by Govt. Madhav Science PG College, on 19th & 20th March, 2015. He/She participated in Best Paper /Poster presentation competition and the title of the paper was.....

He/She is awardedPrize in Best paper / Young Scientist/ Youngest Scientist category.


Dr. Neelam Kapil
Convener


Dr. Arpan Bhardwaj
Organising Secretary


Dr. Usha Shrivastava
Principal

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M.P. Council of Science and Technology, Bhopal
PG Tech Research Institute, Indore

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Govt. Madhav Science PG College, Ujjain

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Latest Trends in Analytical Instrumentation and Innovative Techniques

CERTIFICATE

This is to certify that

Shruti Sharma

of Govt. Madhav Science PG College, Ujjainattended the National Seminar on "Latest Trends in Analytical Instrumentation and Innovative Techniques" organized by Govt. Madhav Science PG College, on 19th & 20th March, 2015. He/She participated in Best Paper /Poster presentation competition and the title of the paper was.....Combinatorial Chemistry.....

He/She is awardedPrize in Best paper / Young Scientist/ Youngest Scientist category.

Dr. Neelam Kapil
Convener

Dr. Arpan Bhardwaj
Organising Secretary

Dr. Usha Shrivastava
Principal

Sponsors



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M.P. Council of Science and Technology, Bhopal
PG Tech Research Institute, Indore

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Govt. Madhav Science P.G. College, Ujjain

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National Workshop

Basics of Bioinformatics

(An IQAC Initiative)

Organized by



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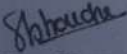
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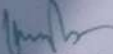


ज्ञान-विज्ञान विमुक्तये
University Grant Commission

CERTIFICATE

This is to certify that Mr. Ravikant Yadav acted as a Master Trainer and participated in the National Workshop on "Basics of Bioinformatics" Organized by Govt. Madhav Science P.G. College Ujjain on 10th -12th Sept. 2015. This Workshop was sponsored by U.G.C. New Delhi. We wish the delegate a bright future in his endeavor towards the creation of a better scientific community.


Dr. Shobha Shouche
Convener


Dr. Usha Shrivastava
Principal

Govt. Madhav Science P.G.College, Ujjain

DST-FIST College

'A' grade accredited through NAAC

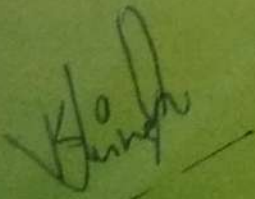


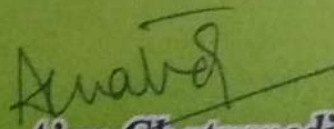
Certificate

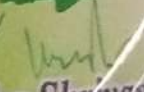
This is to certify that

Shree Ravikant Yadav

of Govt. Madhav Science P.G. College, Ujjain attended the National Consortium/Science Festival "From Photonics to Economic Impact of Light" organized to commemorate the International Year of Light and Light based Technologies by Govt. Madhav Science P.G. College, Ujjain on 3rd and 4th of February 2016. He/She participated /presented a paper **Photonics : Technology Applications & its Economic Impact.**


Dr. Kalpana V. Singh
Coordinator


Dr. Ajay Chaturvedi
Organising Secretary


Dr. Usha Shrivastava
Principal

Sponsored by : M.P. Council of Science and Technology

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Govt. Madhav Science P.G.College ,Ujjain

DST-FIST College

'A' grade accredited through NAAC



Certificate

This is to certify that

Dr. K. S. Vishwakarma

of Govt. Madhav Science P.G. College, Ujjain attended the **National Consortium/Science Festival "From Photonics to Economic Impact of Light"** organized to commemorate the **International Year of Light and Light based Technologies** by Govt. Madhav Science P.G. College, Ujjain on 3rd and 4th of February 2016. He/She participated / presented a paper
..... and is awardedprize in
.....category.

Dr. Kalpana V. Singh

Coordinator

Dr. Ajay Chaturvedi

Organising Secretary

Dr. Usha Shrivastava

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Certificate

This is to certify that

Dr. H. S. Dwivedi

of Govt. Madhav Science P.G. College, Ujjain attended the **National Consortium/Science Festival "From Photonics to Economic Impact of Light"** organized to commemorate the **International Year of Light and Light based Technologies** by Govt. Madhav Science P.G. College, Ujjain on 3rd and 4th of February 2016. He/She participated / presented a paper
..... and is awardedprize in
.....category.

Dr. Kalpana V. Singh
Coordinator

Dr. Ajay Chaturvedi
Organising Secretary

Dr. Usha Shrivastava

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Govt. Kalidas Girls Lead College, Ujjain (M.P.) 456 006
Strategies for Sustainable Use of Land, Water, Air, Agriculture and Energy Resources
(National Seminar - 29-30 March 2016)

Water Resource



Energy Resource



Air Resource



Land Resource



Agriculture Resource



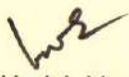
CERTIFICATE


This is to certify that Prof. / Dr. / Mr. / Ms. H. S. Dwivedi
of Govt. mvm Ujjain

has participated in National Seminar held at Govt. Kalidas Girls Lead
College, Ujjain (M.P.) from 29-30 March 2016.

He/She Presented a Paper (Oral / Poster) and acted as Chairperson
_____ in this seminar.

Our best wishes for bright future and success of the participant.


(Dr. Harish Vyas)
Organizing Secretary


(Dr. Mahesh Sharma)
Principal

स्वच्छ भारत - हरित भारत

Organized by:
Govt. Kalidas Girls Lead
College, Ujjain



Sponsored by:
UGC - CRO, Bhopal



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Supported by:
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Govt. Madhav Science P.G.College ,Ujjain

DST-FIST College

'A' grade accredited through NAAC



Certificate

This is to certify that

Dr. Smt. Pinki Dwivedi

of **Govt. Madhav Science P.G. College, Ujjain** attended the **National Consortium/Science Festival "From Photonics to Economic Impact of Light"** organized to commemorate the **International Year of Light and Light based Technologies** by Govt. Madhav Science P.G. College, Ujjain on 3rd and 4th of February 2016. He/ She participated / presented a paper
..... and is awardedprize in
.....category.

Dr. Kalpana V. Singh

Coordinator

Dr. Ajay Chaturvedi

Organising Secretary

Dr. Usha Shrivastava

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Sponsored by : M.P. Council of Science and Technology, Bhopal

Govt. Kalidas Girls Lead College, Ujjain (M.P.) 456 006
Strategies for Sustainable Use of Land, Water, Air, Agriculture and Energy Resources
(National Seminar - 29-30 March 2016)

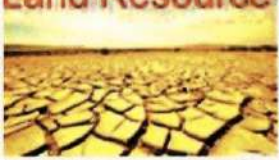
Water Resource



Energy Resource



Land Resource



Agriculture Resource



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Organized by:
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Sponsored by:
UGC - CRO, Bhopal



Supported by:
Vigyan Bharti, Ujjain




This is to certify that Prof. / Dr. / Mr. / Ms. Pinky Dewinedi
of Govt. M. V. M., Ujjain

has participated in National Seminar held at Govt. Kalidas Girls Lead
College, Ujjain (M.P.) from 29-30 March 2016.

He/She Presented a Paper (Oral / Poster) and acted as — X —
— X — in this seminar.

Our best wishes for bright future and success of the participant.


(Dr. Harish Vyas)
Organizing Secretary

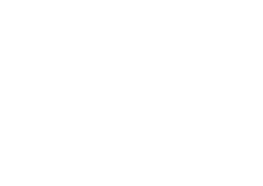
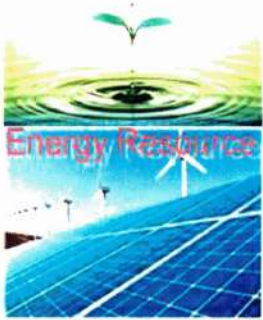

(Dr. Mahesh Sharma)
Principal

स्वच्छ भारत - हरित भारत

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Govt. Kalidas Girls Lead College, Ujjain (M.P.) 456 006
Strategies for Sustainable Use of Land, Water, Air, Agriculture and Energy Resources
(National Seminar - 29-30 March 2016)

Water Resource



CERTIFICATE

Organized by:
Govt. Kalidas Girls Lead
College, Ujjain



Sponsored by:
UGC - CRO, Bhopal



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Supported by:
Vigyan Bharti, Ujjain



This is to certify that Prof. / Dr. / [✓]Mr. / Ms. Shakuntala Pandey
of Govt. M. V. M., Ujjain

has participated in National Seminar held at Govt. Kalidas Girls Lead
College, Ujjain (M.P.) from 29-30 March 2016.

He/She Presented a Paper (Oral / Poster) and acted as _____
_____ in this seminar.

Our best wishes for bright future and success of the participant.


(Dr. Harish Vyas)
Organizing Secretary


(Dr. Mahesh Sharma)
Principal

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AJ11@GMAIL.COM,

Govt. Madhav Science P.G.College ,Ujjain

DST-FIST College

'A' grade accredited through NAAC



Certificate

This is to certify that

Dr. Smt. Shakuntala Pandey

of Govt. Madhav Science P.G. College, Ujjain attended the National Consortium/Science Festival "From Photonics to Economic Impact of Light" organized to commemorate the International Year of Light and Light based Technologies by Govt. Madhav Science P.G. College, Ujjain on 3rd and 4th of February 2016. He/She participated /presented a paper **Photonix, System and Components.**

Dr. Kalpana V. Singh
Coordinator

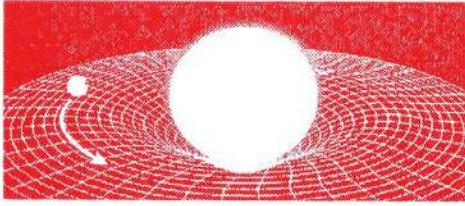
Dr. Ajay Chaturvedi
Organising Secretary



Dr. Usha Shrivastava

Principal
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Sponsored by : M.P. Council of Science and Technology, Bhopal



अन्तर्राष्ट्रीय प्रकाश वर्ष- 2015

**International Year of Light & Light
Based Technologies 2015**

**National Seminar On Light & Light
Based Technologies 2016**



Sponsor

M.P. Council of Science &
Technology, Bhopal

26 Feb. 1,2 March 2016

CERTIFICATE



Organiser

Department of Physics
Govt. Girls P. G. College Ujjain (M.P.)

It is certified that Smt./Shri/Dr./Prof. S. PANDEY of
M.V.M., UJJAIN has participated in the National Seminar on
International Year of Light & Light Based Technologies 2015-16 sponsored by
MPCST, Bhopal, organized by Govt. Girls P.G. College, Ujjain. She/He has chaired/ Co-
chaired a session/ judged a session/ worked as resource person. She/He has presented a
research paper entitled PHOTONIX RESEARCH

Dr. V.K. Gupta
Convener

Dr. Tripta Sapru
Principal

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AJ11@GMAIL.COM,

Govt. Madhav Science P.G. College, Ujjain

DST-FIST College, (NAAC Accredited)

National Workshop

Basics of Bioinformatics

(An IQAC Initiative)

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CERTIFICATE

This is to certify that

Dr. Shakuntala Pandey

Sponsored by



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University Grant Commission

of *Govt. Madhav Science P.G. College Ujjain*, attended the National Workshop

on "Basics of Bioinformatics" Organized by Govt. Madhav Sciences P.G. College Ujjain on 10th -12th Sept. 2015.

We wish the Delegate a bright future in His/her endeavor towards the creation of a better scientific community.


Dr. Shobha Shouche
Convener


Dr. Usha Shrivastava
Principal

Signature Not Verified
ARPAN BHARDWAJ
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AJ11@GMAIL.COM,

National Conference on CRYSTALLOGRAPHY AND ITS APPLICATIONS

15th and 16th March 2016

Certified that

Dr/Ms/Sh. **SHAKUNTALA. PANDEY**

of **Madhav. Science College, Ujjain** has

participated / presented paper entitled

"Crystal and Gemstone" & is

awarded best paper prize in oral / poster presentation

category in "The National Conference on

Crystallography & Its Applications"

sponsored by UGC organized by

Govt. Girls' P.G. College, Ujjain.


Dr. Anita Manchandia
Convener


Dr. Kalpana Singh
Convener


Dr. Tripta Sapru
Principal

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AJ11@GMAIL.COM,



CERTIFICATE

Govt. Madhav Science P.G.College ,Ujjain

DST-FIST College

'A' grade accredited through NAAC



Certificate

This is to certify that

Dr. Ajay Saxena

of **Govt. Madhav Science P.G. College, Ujjain** attended the **National Consortium/Science Festival "From Photonics to Economic Impact of Light"** organized to commemorate the **International Year of Light and Light based Technologies** by Govt. Madhav Science P.G. College, Ujjain on 3rd and 4th of February 2016. He/She participated / presented a paper
..... and is
awardedprize in category.

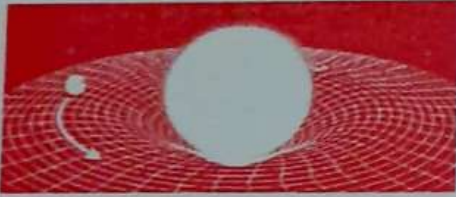
Dr. Kalpana V. Singh
Coordinator

Dr. Ajay Chaturvedi
Organising Secretary

Dr. Usha Shrivastava
Principal

Sponsored by : M.P. Council of Science and Technology, Bhopal

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E=APRANBHARDW
AJ11@M.P.C.S.T.O.M.



अन्तर्राष्ट्रीय प्रकाश वर्ष- 2015

**International Year of Light & Light
Based Technologies 2015**

**National Seminar On Light & Light
Based. Technologies 2016**

26 Feb. 1,2 March 2016

CERTIFICATE



Organiser
Department of Physics
Govt. Girls P. G. College Ujjain (M.P.)



Sponsor
M.P. Council of Science &
Technology, Bhopal

It is certified that Smt./Shri/Dr./Prof. A. K. Saxena of
M. V. M. Ujjain has participated in the National Seminar on

International Year of Light & Light Based Technologies 2015-16 sponsored by
MPCST, Bhopal, organized by Govt. Girls P.G. College, Ujjain. She/He has chaired/ Co-
chaired a session/ judged a session/ worked as resource person. She/He has presented a
research paper entitled.....

Dr. V.K. Gupta
Convener

Dr. Tripta Sapru
Principal

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AJ11@GMAIL.COM,



Govt. Girls' College, Khargone (M.P.)

National Seminar On Environmental Conservation, Pollution and Biodiversity

3rd & 4th November 2015



ज्ञान-विज्ञान विमुक्तये

Sponsored by : UGC - Central Regional Office, Bhopal M.P.
Organized by : Department of Zoology, Govt. Girls' College, Khargone M.P.

Certificate

This is to Certify that Dr./ Mr./Mrs./ Ms.

प्रमोद कुमार मास्वीय

Of शासकीय महाविद्यालय, नागदुर्ग, as Resource Person/ Chairperson/ Presented

Paper/ Presented Poster/ Participated, the title of paper is शैशोदर्मा प्रदूषण का

मानव जीवन पर प्रभाव

in the National Seminar on "Environmental

Conservation, Pollution and Biodiversity". The precious contribution of the

participant is highly appreciated.

(Dr. R. K. Yadav)
Convener

Asstt. Prof. Sociology

(Dr. M. S. Solanki)
Organizing Secretary

Asstt. Prof. of Zoology

(Prof. M. K. Gokhale)
Patron

Principal



Signature Not Verified
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E=ARPANBHARDW
AJ11@GMAIL.COM,

insigh9826087782@gmail.com

NATIONAL CONFERENCE ON RECENT TRENDS IN PHYSICAL, CHEMICAL & ENVIRONMENTAL SCIENCES

RTPCES 2016
21st March, 2016



Sponsor

**M.P. Council Of Science
& Technology, Bhopal**



Organizer :

**Advance College of
Science & Commerce
Ujjain (M.P.)**



Technical Support :

**International Scientific Research
Organization for Science,
Engineering & Technology**

Certificate

This is to certify that Prof./Dr./Sr./Ms. Premad Kumar Malviya
of Govt. College Nagda Attended National Conference On
Recent Trends in Physical, Chemical & Environmental Sciences. He/She Chaired a session/delivered a
talk/presented a paper entitled "The Effect of E.M. waves on plants animals
and human Bodies"


Mr. Brajesh Pandya
(President)


Dr. Pradeep Paliwal
(Conference Convener)


Dr. Meena Wadhvani
(Principal & Conference Organizer)

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AJ11@GMAIL.COM,

Govt. Arts, Science & Commerce College, Nagda (Dist. Ujjain) M.P.

NATIONAL SEMINAR
ON
CHEMICAL HAZARD AND ENVIRONMENT

Date: 10 & 11 March 2016
NSCHE -2016

CERTIFICATE



This is to certify that Dr. /Prof. /Mrs. /Ms. प्रमोद कुमार मालवीय

has actively participated in national seminar on "CHEMICAL HAZARD AND ENVIRONMENT" sponsored by DMI, Bhopal and organized by Dept. of Chemistry, Govt. Arts, Science & Commerce College, Nagda (Dist. Ujjain) M.P.

He/She has presented paper (Oral/Poster) entitled/acted as प्राकृतिक संसाधन : जल संरक्षण का एक नवाचारी उपाय व सुझाव शा. कला, विज्ञान एवं वाणिज्य महाविद्यालय, नागदा


Convener

Dr. Archana Kushwaha
Dept. of Chemistry, Govt. Arts, Science & Commerce College
Nagda, Dist. Ujjain, M.P.


Patron

Dr. Sheela Ojha
Principal, Govt. Arts, Science & Commerce College
Nagda, Dist. Ujjain, M.P.

UGC SPONSORED

**NATIONAL SEMINAR ON CAUSES AND CONSEQUENCES
OF BIO-DIVERSITY LOSS**



11 and 12 January 2016



ज्ञान-विज्ञान विमुक्तये

Organized By
Department of Post Graduate Studies and Research in Botany
Bhagat Singh Govt. P. G College, Jaora (M.P.)

Certificate

This is to certify that Dr./Prof./Shri/Smt. Seema Trivedi
from Govt. Madhav Sc. College, Ujjain has participated/delivered a guest lecture/
chaired a session/presented his/her research paper entitled _____
in this seminar. The organizing Committee appreciate his/her precious contribution.


Dr. S.C. Mehta
Convener


Dr. M. S. Chouhan
Organizing Secretary


Dr. Pratibha Kothari
Patron & Principal

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Govt. Kalidas Girls Lead College, Ujjain (M.P.) 456 006
Strategies for Sustainable Use of Land, Water, Air, Agriculture and Energy Resources
(National Seminar - 29-30 March 2016)

CERTIFICATE

Organized by:
Govt. Kalidas Girls Lead
College, Ujjain



Sponsored by:
UGC - CRO, Bhopal



ज्ञान-विज्ञान विमुक्तये

Supported by:
Vigyan Bharti, Ujjain



This is to certify that Prof. / Dr. / [✓]Mr. / Ms. Seema Jainedi
of Govt. M. V. M., Ujjain
has participated in National Seminar held at Govt. Kalidas Girls Lead
College, Ujjain (M.P.) from 29-30 March 2016.
He/She Presented a Paper (Oral / [✓]Poster) and acted as — X —
— X — in this seminar.

Our best wishes for bright future and success of the participant.


(Dr. Harish Vyas)
Organizing Secretary


(Dr. Mahesh Sharma)
Principal

स्वच्छ भारत- हरित भारत

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Govt. Madhav Science P.G. College, Ujjain

DST-FIST College

'A' grade accredited through NAAC



Certificate

This is to certify that

Dr. Smt. Seema Trivedi

of Govt. Madhav Science P.G. College, Ujjain attended the **National Consortium/Science Festival "From Photonics to Economic Impact of Light"** organized to commemorate the **International Year of Light and Light based Technologies** by Govt. Madhav Science P.G. College, Ujjain on 3rd and 4th of February 2016. He/She participated / presented a paper **Determination of Zooplanktons by using laser counters.**

Dr. Kalpana V. Singh
Coordinator

Dr. Ajay Chaturvedi
Organising Secretary



Dr. Usha Shrivastava

Principal
Signature Not Verified
RPANTHA
S. ARPAN
ADP@GM

Sponsored by : M.P. Council of Science and Technology, Bhopal

Govt. Madhav Science P.G. College, Ujjain

DST-FIST College, (NAAC Accredited)

National Workshop

Basics of Bioinformatics

(An IQAC Initiative)

Organized by



CERTIFICATE

This is to certify that

Dr. Nitin Tiwari

Sponsored by

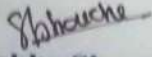


एन-विद्या विद्या
University Grant Commission

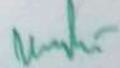
of Govt. Madhav Science P.G. College Ujjain, attended the National Workshop

on "Basics of Bioinformatics" Organized by Govt. Madhav Sciences P.G. College Ujjain on 10th -12th Sept. 2015.

We wish the Delegate a bright future in His/her endeavor towards the creation of a better scientific community.


Dr. Shobha Shouche

Convener


Dr. Usha Shrivastava

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AJ11@GMAIL.COM,

Govt. Kalidas Girls Lead College, Ujjain (M.P.) 456 006
Strategies for Sustainable Use of Land, Water, Air, Agriculture and Energy Resources
(National Seminar - 29-30 March 2016)

Water Resource



Energy Resource



Land Resource



Agriculture Resource



CERTIFICATE

This is to certify that Prof. / Dr. / Mr. / Ms. Nitin Tiwari

of Govt. M. V. M., Ujjain

has participated in National Seminar held at Govt. Kalidas Girls Lead College, Ujjain (M.P.) from 29-30 March 2016.

He/She Presented a Paper (Oral / Poster) and acted as — X —

— X — in this seminar.

Our best wishes for bright future and success of the participant.


(Dr. Harish Vyas)
Organizing Secretary


(Dr. Mahesh Sharma)
Principal

स्वच्छ भारत - हरित भारत

Organized by:
Govt. Kalidas Girls Lead
College, Ujjain



Sponsored by:
UGC - CRO, Bhopal



ज्ञान - विज्ञान विमुक्तये

Supported by:
Vigyan Bharti, Ujjain



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UGC SPONSORED NATIONAL RESEARCH SEMINAR IN ENGLISH ON
WIDENING CANVAS OF LITERATURE
ORGANIZED BY THE DEPT. OF ENGLISH
(DEC. 03 - 04, 2015)

**SHRI ATAL BIHARI VAJPAYEE
GOVERNMENT ARTS AND COMMERCE COLLEGE, INDORE (M.P.)**
Accredited 'A' Grade by NAAC

Certificate

This is to certify that Dr./Mr./Ms. R. C. Hemnani from Government
Madhav Science College, Ujjain (MP) attended the
National Seminar on **WIDENING CANVAS OF LITERATURE** held on December 03 & 04, 2015 and
he/she presented /delivered a research paper/plenary talk on Significance of Pronunciation
in ELT.


(Dr. Roshan B. Khan)
Convener


(Dr. S. S. Thakur)
Organizing Secretary


(Dr. S. L. Garg)
Patron

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Govt. Madhav Science P.G. College, Ujjain

DST-FIST College, (NAAC Accredited)

National Workshop

Basics of Bioinformatics

(An IQAC Initiative)

Organized by



CERTIFICATE

Sponsored by



ज्ञान-विज्ञान विमुक्तये
University Grant Commission

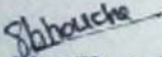
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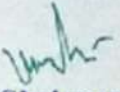
Prof. Pushpa Jatwa

of Govt. Madhav Science P.G. College Ujjain, attended the National Workshop

on "Basics of Bioinformatics" Organized by Govt. Madhav Sciences P.G. College Ujjain on 10th -12th Sept. 2015.

We wish the Delegate a bright future in His/her endeavor towards the creation of a better scientific community.


Dr. Shobha Shouche
Convener


Dr. Usha Shrivastava
Principal

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Workshop on Water Revolution Vision - 2050

(Under Science Popularisation Programme)

4th - 5th March, 2016

Organised By
Department of Geology
Govt. Holkar (Model, Autonomous) Science College
Indore (M.P.)

Sponsored By
M.P. Council of Science and Technology
Bhopal (M.P.)
Website : www.mpcast.nic.in



Certificate

This is to certify that Mr./Mrs./Ms./Dr./Prof. Pushpa Jatura
of Madhav Science college, Ujjain (M.P.) has participated in
Workshop on Water Revolution, Vision - 2050, Organised by Department of Geology, Govt. Holkar (Model,
Autonomous) Science College, Indore (M.P.), Sponsored by M.P. Council of Science and Technology, Bhopal (M.P.)
on 4th - 5th March, 2016.

He/She presented a Poster on focal theme and awarded.....prize.

Prof. Shailesh Chaure
Organising Secretary

Dr. Vishnu Gadgil
Convener

Dr. V.K. Parashar
Programme Coordinator

Dr. K.N. Chaturvedi
Principal/Patron

Supported by :



Patal Ganga, Bhopal
An organisation for Ground
Water Development

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Govt. Madhav Science P.G.College ,Ujjain

DST-FIST College

'A' grade accredited through NAAC



Certificate

This is to certify that

Smt. Pushpa Jatwa

of Govt. Madhav Science P.G. College, Ujjain attended the **National Consortium/Science Festival "From Photonics to Economic Impact of Light"** organized to commemorate the **International Year of Light and Light based Technologies** by Govt. Madhav Science P.G. College, Ujjain on 3rd and 4th of February 2016. He/She participated /presented a paper **Application of Laser in Geology**.

Dr. Kalpana V. Singh
Coordinator

Dr. Ajay Chaturvedi
Organising Secretary



Dr. Usha Shrivastava
Principal

Sponsored by : M.P. Council of Science and Technology

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Government Madhav Science PG College, Ujjain, MP, India



NATIONAL WORKSHOP ON

DRUG DISCOVERY TECHNOLOGY | APPROACH OF COMPUTATIONAL CHEMISTRY IN DRUG DESIGN
A NEW ERA OF BIOINFORMATICS & BIOTECHNOLOGY

Conducted by
BioDiscovery Group, India
in collaboration with

Department of Bioinformatics, Biotechnology & PG Department of Chemistry & Pharmaceutical Chemistry

Certificate of Participation

Awarded to Dr./Mr./Mrs./Miss. Ravikant Yadav Student/Research Scholar/Faculty

of Govt. Madhav Science P.G. College, Ujjain for participating in this National Workshop

from 8-12 September, 2016


Topics covered at the workshop

- Introduction of Drug Designing
- Science involved in disease target
- Identification & Virtual screening
- In-silico generation of ligands

- Protein optimization
- Energy Minimization
- Molecular Docking Algorithms
- ADMET, Drug Likeness, Bioactivity.

- Selection of potent inhibitors on the basis of binding energies & Lipinski's Rule of 5.
- Structure (Protein-Ligand complex) and H-Bond Interaction Analysis.


Asif Naqvi


Dr Usha Shrivastava
Principal

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Government Madhav Science PG College, Ujjain, MP, India

NATIONAL WORKSHOP ON

**DRUG DISCOVERY TECHNOLOGY | APPROACH OF COMPUTATIONAL CHEMISTRY IN DRUG DESIGN
A NEW ERA OF BIOINFORMATICS & BIOTECHNOLOGY**

Conducted by
BioDiscovery Group, India
in collaboration with

Department of Bioinformatics, Biotechnology & PG Department of Chemistry & Pharmaceutical Chemistry

Certificate of Participation

Awarded to Dr./Mr./Mrs./Miss. Shruti Sharma Student/ Research Scholar/ Faculty

of Govt. Madhav Science P.G. College, Ujjain for participating in this National Workshop

from 8-12 September, 2016

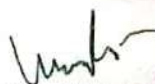
Topics covered at the workshop

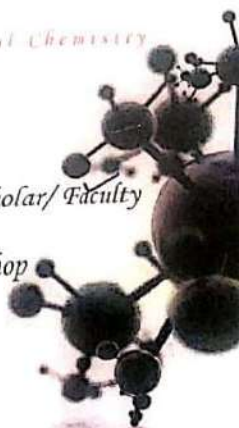
- Introduction of Drug Designing
- Science involved in disease target
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- In-silico generation of ligands

- Protein optimization
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- Molecular Docking Algorithm
- ADMET, Drug Likeness, Bioactivity.

- Selection of potent inhibitors on the basis of binding energies & Lipinski's Rule of 5.
- Structure (Protein - Ligand complex) and H-Bond Interaction Analysis.


Asif Naqvi
Founder & CEO
BioDiscovery Group, India


Dr Usha Shrivastava
Principal
Madhav Science PG College
Ujjain, MP, India



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GOVT. MADHAV SCIENCE P.G.COLLEGE UJJAIN

DST-FIST College
A Grade accredited at cycle 2

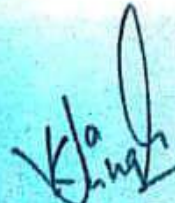
Student Research Internship Programme in Chemistry
Under PURE (PURsuit OF Research Excellence)


Organized by: CEQIC

(Cluster for Enhancing Quality through Innovation and Collaboration)

Certified that Dr./Mr./Mrs./Km... *Shruti Sharma*.....
.....of *Govt. Madhav Science P.G. College*

Participated/acted like group coordinator/ mentored in the three days
internship programme organized as a cluster activity from 3rd to 5th
November 2016.


Dr. Kalpana V. Singh
Nodal Officer Cluster


Dr. Ajay M. Chaturvedi
HOD Chemistry


Dr. Usha
Signature Not Verified
ARPAN Bhardwaj
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Government Madhav Science PG College, Ujjain, MP, India



NATIONAL WORKSHOP ON

**DRUG DISCOVERY TECHNOLOGY | APPROACH OF COMPUTATIONAL CHEMISTRY IN DRUG DESIGN
A NEW ERA OF BIOINFORMATICS & BIOTECHNOLOGY**

Conducted by

BioDiscovery Group, India

in collaboration with

Department of Bioinformatics, Biotechnology & PG Department of Chemistry & Pharmaceutical Chemistry

Certificate of Participation

Awarded to Dr./Mr./Mrs./Miss. Pratibha Namdeo Student/ Research Scholar/ Faculty

of Govt. Madhav Science P.G. college, Ujjain for participating in this National Workshop

from 8-12 September, 2016

Topics covered at the workshop

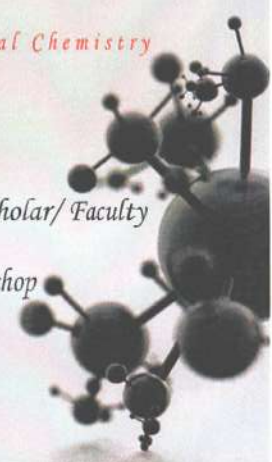
- Introduction of Drug Designing
- Science involved in disease target
- Identification & Virtual screening
- In-silico generation of ligands

- Protein optimization
- Energy Minimization
- Molecular Docking Algorithm
- ADMET, Drug Likeness, Bioactivity.

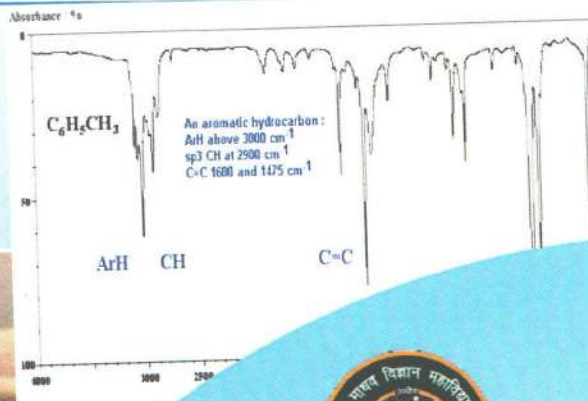
- Selection of potent inhibitors on the basis of binding energies & Lipinski's Rule of 5.
- Structure (Protein - Ligand complex) and H-Bond Interaction Analysis.

Asif Naqvi
Founder & CEO
BioDiscovery Group, India

Dr Usha Shrivastava
Principal
Madhav Science PG College
Ujjain, MP, India



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GOVT. MADHAV SCIENCE P.G.COLLEGE UJJAIN

DST-FIST College
A Grade accredited at cycle 2

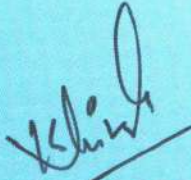
Student Research Internship Programme in Chemistry
Under PURE (PURsuit OF Research Excellence)

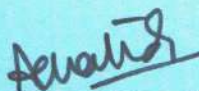
Organized by: CEQIC

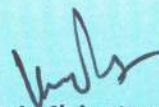
(Cluster for Enhancing Quality through Innovation and Collaboration)

Certified that Dr./Mr./Mrs./Km... Pratibha Namdeo
.....of Govt. Madhav Science P.G. College Ujjain

Participated/acted like group coordinator/ mentored in the three days
internship programme organized as a cluster activity from 3rd to 5th
November 2016.


Dr. Kalpana V. Singh
Nodal Officer Cluster


Dr. Ajay M. Chaturvedi
HOD Chemistry


Dr. Usha Shrivastava
Principal

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Government Madhav Science PG College, Ujjain, MP, India



NATIONAL WORKSHOP ON

**DRUG DISCOVERY TECHNOLOGY | APPROACH OF COMPUTATIONAL CHEMISTRY IN DRUG DESIGN
A NEW ERA OF BIOINFORMATICS & BIOTECHNOLOGY**

Conducted by

BioDiscovery Group, India

in collaboration with

Department of Bioinformatics, Biotechnology & PG Department of Chemistry & Pharmaceutical Chemistry

Certificate of Participation

Awarded to Dr./Mr./Mrs./Miss. Rekha Nagwanshi Student/Research Scholar/Faculty

of Govt. Madhav Science P.G. College, Ujjain for participating in this National Workshop

from 8-12 September, 2016

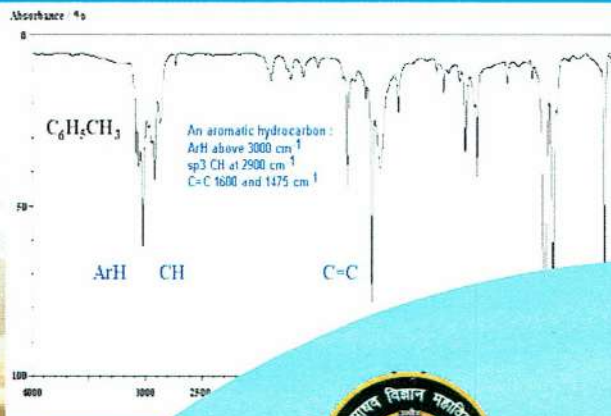
Topics covered at the workshop

- Introduction of Drug Designing
- Science involved in disease target
- Identification & Virtual screening
- In-silico generation of ligands
- Protein optimization
- Energy Minimization
- Molecular Docking Algorithm
- ADMET, Drug Likeness, Bioactivity.
- Selection of potent inhibitors on the basis of binding energies & Lipinski's Rule of 5.
- Structure (Protein - Ligand complex) and H-Bond Interaction Analysis.

Asif Naqvi
Founder & CEO
BioDiscovery Group, India

Dr Usha Shrivastava
Principal
Madhav Science PG College
Ujjain, MP, India

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GOVT. MADHAV SCIENCE P.G.COLLEGE UJJAIN

DST-FIST College
A Grade accredited at cycle 2

Student Research Internship Programme in Chemistry
Under PURE (PURsuit OF Research Excellence)

Organized by: CEQIC

(Cluster for Enhancing Quality through Innovation and Collaboration)

Certified that ✓ Dr./Mr./Mrs./Km... Shakuntala Pandey
.....of Govt. Madhav Science P.G. College, Ujjain

Participated/acted like group ✓ coordinator/ mentored in the three days
internship programme organized as a cluster activity from 3rd to 5th
November 2016.

Dr. Kalpana V. Singh
Nodal Officer Cluster

Dr. Ajay M. Chaturvedi
HOD Chemistry

Dr. Usha Shrivastava

Principal Signature Not Verified

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National Conference on CRYSTALLOGRAPHY AND ITS APPLICATIONS

15th and 16th March 2016

Certified that

Dr/Ms/Sh. Manmeet Makkad

of Govt. Madhav Science College, Ujjain has

participated / presented paper entitled

Judges Best paper presentation & is

awarded best paper prize in oral / poster presentation

category in "The National Conference on

Crystallography & Its Applications"

sponsored by UGC organized by

Govt. Girls' P.G. College, Ujjain.

Dr. Anita Manchandia
Convener

Dr. Kalpana Singh
Convener

Dr. Tripta Sapru
Principal



CERTIFICATE

Govt. Arts, Science & Commerce College, Nagda (Dist. Ujjain) M.P.



CHEMICAL HAZARD AND ENVIRONMENT

NATIONAL SEMINAR

Date: 10 & 11 March 2016

NSCFE -2016



CERTIFICATE

This is to certify that Dr. /Prof. /Mrs. /Ms. Mammet Kaur Makkad

has actively participated in national seminar on "CHEMICAL HAZARD AND ENVIRONMENT" sponsored by DMI, Bhopal and organized by Dept. of Chemistry, Govt. Arts, Science & Commerce College, Nagda (Dist. Ujjain) M.P.

He/She has presented paper (Oral/Poster) entitled /acted as-----

Govt. Madhar Science College, Ujjain

Arul
Convener

Dr. Archana Kushwaha
Dept. of Chemistry, Govt. Arts, Science & Commerce College
Nagda, Dist. Ujjain, M.P.

Patra
Principal

Dr. Sheela Ojha
Principal, Govt. Arts, Science & Commerce College
Nagda, Dist. Ujjain, M.P.

Govt. Kalidas Girls Lead College, Ujjain (M.P.) 456 006
Strategies for Sustainable Use of Land, Water, Air, Agriculture and Energy Resources
(National Seminar - 29-30 March 2016)

Water Resource



Energy Resource



Air Resource



Land Resource



Agriculture Resource



CERTIFICATE

Organized by:
Govt. Kalidas Girls Lead
College, Ujjain

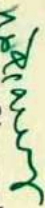
This is to certify that Prof. / Dr. / Mr. / Ms. Mammeet Kaur Makhal
of Govt. M. V. M., Ujjain

has participated in National Seminar held at Govt. Kalidas Girls Lead
College, Ujjain (M.P.) from 29-30 March 2016.

He/She Presented a Paper (Oral / Poster) and acted as —+—
_____ in this seminar.

Our best wishes for bright future and success of the participant.


(Dr. Harish Vyas)
Organizing Secretary


(Dr. Mahesh Sharma)
Principal



Sponsored by:
UGC - CRO, Bhopal



ज्ञान-विज्ञान विद्युत्तय

Supported by:
Vigyan Bharti, Ujjain



स्वच्छ भारत - हरित भारत

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Sambhastha - 2016

अंतरराष्ट्रीय शोध संगोष्ठी

INTERNATIONAL RESEARCH CONFERENCE

भाषा, साहित्य और बदलता सामाजिक परिदृश्य : भूमण्डलीकरण की चुनौतियाँ

6-7 मार्च 2016

आयोजक : अक्षर वार्ता अंतरराष्ट्रीय शोध पत्रिका एवं संस्था कृष्णा बसंती
सहयोग : हिंदी अध्ययनशाला, विक्रम विश्वविद्यालय, उज्जैन

प्रमाण-पत्र

प्रमाणित किया जाता है कि श्री/सुश्री/डॉ..... **मनजीत कौर सक्कड़** संस्था **शा. मा. वि. महा. उज्जैन**

अक्षर वार्ता अंतरराष्ट्रीय शोध पत्रिका एवं संस्था कृष्णा बसंती उज्जैन द्वारा हिन्दी अध्ययनशाला विक्रम विश्वविद्यालय उज्जैन के सहयोग से दिनांक 6-7 मार्च 2016 को भाषा, साहित्य और बदलता सामाजिक परिदृश्य : भूमण्डलीकरण की चुनौतियाँ पर केन्द्रित अंतरराष्ट्रीय संगोष्ठी में सहभागिता की।

इन्होंने **पर्यावरण शंकट और समाधान** विषय पर शोध पत्र प्रस्तुत किया / व्याख्यान दिया / सत्र की अध्यक्षता की।

डॉ. प्रमलता चूटेल

आचार्य एवं अध्यक्ष
हिन्दी अध्ययनशाला
विक्रम विश्वविद्यालय, उज्जैन

डॉ. गीता नायक

आचार्य
हिन्दी अध्ययनशाला
विक्रम विश्वविद्यालय, उज्जैन

डॉ. शैलेंद्रकुमार शर्मा

प्रधान संपादक : अक्षर वार्ता अंतरराष्ट्रीय शोध पत्रिका
आचार्य हिन्दी अध्ययनशाला एवं कुलानुशासक
विक्रम विश्वविद्यालय, उज्जैन

डॉ. मोहन बैरागी

संपादक
अक्षर वार्ता

Govt. Madhav Science P.G.College ,Ujjain

DST-FIST College

'A' grade accredited through NAAC



Certificate

This is to certify that

Dr. Smt. Manmeet Kaur Makkad

of Govt. Madhav Science P.G. College, Ujjain .attended the National Consortium/Science Festival "From Photonics to Economic Impact of Light" organized to commemorate the International Year of Light and Light based Technologies by Govt. Madhav Science P.G. College, Ujjain on 3rd and 4th of February 2016. He/She participated / presented a paper **Laser Technology and its application in Today's world** .

Dr. Kalpana V. Singh
Coordinator

Dr. Ajay Chaturvedi
Organising Secretary

Dr. Usha Shrivastava
Principal

Sponsored by : M.P. Council of Science and Technology, Bhopal

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अंतर्राष्ट्रीय प्रकाश वर्ष - 2015
International Year of Light & Light
Based Technologies 2015

**National Seminar On Light & Light
Based. Technologies 2016**

26 Feb. 1,2 March 2016

CERTIFICATE



Organiser
Department of Physics
Govt. Girls P. G. College Ujjain (M.P.)



Sponsor
M.P. Council of Science &
Technology, Bhopal

It is certified that Smt./Shri/D^r/Prof. Mammeli Kaus Makhad of
Govt. Madhav Science College Ujjain (M.P.) has participated in the National Seminar on
International Year of Light & Light Based Technologies 2015-16 sponsored by
MPCST, Bhopal, organized by Govt. Girls P.G. College, Ujjain. She/He has chaired/ Co-
chaired a session/judged a session/worked as resource person. She/He has presented a
research paper entitled Flou Cytometry.

Dr. V.K. Gupta
Convener

Dr. Tripta Sapru
Principal

National Conference on CRYSTALLOGRAPHY AND ITS APPLICATIONS

15th and 16th March 2016

Certified that

Dr/Ms/Sh. MANMEST K AUR MAKKAD .

of Madhav Science College Ujjain..... has

participated / presented paper entitled

Liquid..... Introduction & is

awarded best paper prize in oral / poster presentation

category in "The National Conference on

Crystallography & Its Applications"

sponsored by UGC organized by

Govt. Girls' P.G. College, Ujjain.

Anam
Dr. Anita Manchandia
Convener

Kalpana
Dr. Kalpana Singh
Convener

Tripta
Dr. Tripta Sapru
Principal

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CERTIFICATE

Govt. Madhav Science P.G. College, Ujjain

DST-FIST College, (NAAC Accredited)

National Workshop

Basics of Bioinformatics

(An IQAC Initiative)

Organized by



CERTIFICATE

This is to certify that

Dr. Manmeet Makkad

of Govt. Madhav Science P.G. College Ujjain, attended the National Workshop

on "Basics of Bioinformatics" Organized by Govt. Madhav Sciences P.G. College Ujjain on 10th -12th Sept. 2015.

We wish the Delegate a bright future in His/her endeavor towards the creation of a better scientific community.

Dr. Shobha Shouche

Convener

Sponsored by



ज्ञान-विकास विभूतये

University Grant Commission

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Dr. Usha Shrivastava

Principal

A Kinetic Study On The Oxidation of Lactic Acid By Chloramines – T in micellar System

Dr. Smt. Manmeet Kaur Makkad

Department of Chemistry, Govt. Kalidas Girls' College, Ujjain MP (India)

Abstract

The oxidation of lactic acid by chloramines-T with the presence of cationic surfactant e.g. Cetyltrimethyl Ammonium bromide (CTAB) in acetic acid medium has been studied. The reaction shows pseudo first order rate constant with respect to [CAT] and (substrate). The reaction rate decreases with the increase in concentration of acetic acid. The reaction has retarding effect on the addition of product (p-toluene sulphonamide). A activation parameters evolution has been on the basis of temperature variation studied.

A literature survey reveals that very limited informations have been available on the oxidation of lactic acid by CAT in micellar system (Sharma & Mushran 1976)¹. This has prompted us to undertake a kinetic study on this reaction.

Experimental

All chemical used of BDH, AR or equivalent grade. Acetic acid and lactic acid were purified before use. The reaction was initiated by rapid addition of requisite amount of thermally pre-equilibrated at (323 K), CAT solution to a mixture containing known amount of lactic acid at same temperature. The progress of the reaction was studied by iodometric estimation of unused CAT concentration with known time intervals as CAT was isolated in the reaction system.

Result and Discussion

The kinetic oxidation of lactic acid by CAT has been studied in the presence of cationic surfactant (CATB) in acetic medium.

Dependence of rate on [CAT] and [Lactic ACID]

When the acid in large excess plots of $\log(a-x)$ vs. time is found to be linear indicating first order dependence on CAT. The pseudo first order rate constants in CAT calculated at different initiated concentration of lactic acid are found to be independent. Hence the reaction has fractional order with respect to lactic acid. (table 1).

Dependence of rate on Surfactant concentration

The solids are settled during pretreatment and only supernatant reach the reaction was carried out at different concentration of the surfactant 2.5×10^{-3} to 15.0×10^{-3} m. It has been seen that the reaction rate increase initially with the increase of surfactant concentration and then decreases up to certain limit (fig 1) This behaviour in is accordance with the micellar catalysis of organic reactions of anion neutral molecular type. As with increasing concentration of CATB the relative concentration of organic substrate and ionic reactant with stern layer of micelle increase quite rapidly. The acceleration of rate beyond (10×10^{-3}) CATB may be due to the possibility of completion between reactive and unreactive ions from sites in the stern layer (H artley 1948).²

Govt. Madhav Science P.G.College, Ujjain

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'A' grade accredited through NAAC



Certificate

This is to certify that

Dr. Rekha Khanna

of Govt. Madhav Science P.G. College, Ujjain attended the **National Consortium/Science Festival "From Photonics to Economic Impact of Light"** organized to commemorate the **International Year of Light and Light based Technologies** by Govt. Madhav Science P.G. College, Ujjain on 3rd and 4th of February 2016. He/She participated /presented a paper **Detection of Hepatitis B antibody in population by chemiluminescence method.**

Dr. Kalpana V. Singh
Coordinator

Dr. Ajay Chaturvedi
Organising Secretary

Dr. Usha Shrivastava
Principal

Sponsored by : M.P. Council of Science and Technology

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अन्तर्राष्ट्रीय प्रकाश वर्ष - 2015

**International Year of Light & Light
Based Technologies 2015**

**National Seminar On Light & Light
Based Technologies 2016**



Sponsor

**M.P. Council of Science &
Technology, Bhopal**

26 Feb. 1, 2 March 2016

CERTIFICATE



Organiser

**Department of Physics
Govt. Girls P. G. College Ujjain (M.P.)**

It is certified that Smt./Shri/Dr./Prof. Rekha Khanna of
M. V. M. Ujjain has participated in the National Seminar on

International Year of Light & Light Based Technologies 2015-16 sponsored by

MPCST, Bhopal, organized by Govt. Girls P.G. College, Ujjain. She/He has chaired/ Co-

chaired a session/judged a session/worked as resource person. She/He has presented a

research paper entitled Detection of Hepatitis B Antibodies with the Help of Chemiluminescence

Dr. V.K. Gupta
Convener

Dr. Tripta Sapru
Principal

Govt. Kalidas Girls Lead College, Ujjain (M.P.) 456 006
Strategies for Sustainable Use of Land, Water, Air, Agriculture and Energy Resources
(National Seminar - 29-30 March 2016)

Water Resource



Energy Resource



Air Resource



Land Resource



Agriculture Resource




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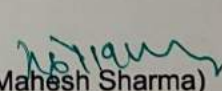
This is to certify that Prof. / Dr. / Mr. / Ms. Rekha Khanna
of Govt. M. V. M. Ujjain

has participated in National Seminar held at Govt. Kalidas Girls Lead
College, Ujjain (M.P.) from 29-30 March 2016.

He/She Presented a Paper (Oral / ~~Poster~~) and acted as —x—
_____ in this seminar.

Our best wishes for bright future and success of the participant.


(Dr. Harish Vyas)
Organizing Secretary


(Dr. Mahesh Sharma)
Principal

स्वच्छ भारत- हरित भारत

Organized by:
Govt. Kalidas Girls Lead
College, Ujjain



Sponsored by:
UGC - CRO, Bhopal



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Vigyan Bharti, Ujjain



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Government Madhav Science PG College, Ujjain, MP, India



NATIONAL WORKSHOP ON

**DRUG DISCOVERY TECHNOLOGY | APPROACH OF COMPUTATIONAL CHEMISTRY IN DRUG DESIGN
A NEW ERA OF BIOINFORMATICS & BIOTECHNOLOGY**

Conducted by
BioDiscovery Group, India

in collaboration with

Department of Bioinformatics, Biotechnology & PG Department of Chemistry & Pharmaceutical Chemistry

Certificate of Participation

Awarded to Dr./Mr./Mrs./Miss. Shakuntala Pandey Student/ Research Scholar/ Faculty

of Govt. Madhav Science P.G. College, Ujjain for participating in this National Workshop

from 8-12 September, 2016

Topics covered at the workshop

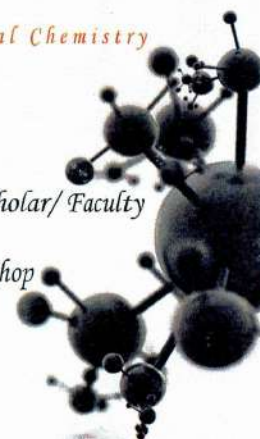
- Introduction of Drug Designing
- Science involved in disease target
- Identification & Virtual screening
- In-silico generation of ligands

- Protein optimization
- Energy Minimization
- Molecular Docking Algorithm
- ADMET, Drug Likeness, Bioactivity.

- Selection of potent inhibitors on the basis of binding energies & Lipinski's Rule of 5.
- Structure (Protein - Ligand complex) and H-Bond Interaction Analysis.

Asif Naqvi
Founder & CEO
BioDiscovery Group, India

Dr Usha Shrivastava
Principal
Madhav Science PG College
Ujjain, MP, India



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Govt. Madhav Science P.G. College, Ujjain

Workshop On

Protein- Protein Interaction

Organized by



सत्यं ज्ञानमनन्तम्

Sponsored by



CERTIFICATE

This is to certify that

Dr. Seema Trivedi

of Govt Madhav Science P. G. College, Ujjain.

attended the Workshop on "Protein - Protein Interaction"

Organized by Govt. Madhav Sciences P.G. College Ujjain

on 09 -10 March 2017.

We wish the Delegate a bright future in His/her endeavor

towards the creation of a better scientific community.

Shobha

Convener

Dr. Shobha Shouche

Usha

Principal

Dr. Usha Shrivastava

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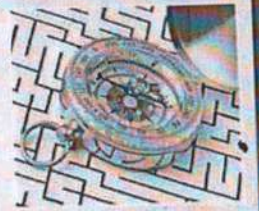
BHERULAL PATIDAR GOVT. P.G. COLLEGE, MHOW

National Research Seminar
30th & 31st January-2017

Organised By Department of Geography
Supported By University Grant Commission, CRO Bhopal



ज्ञान-विज्ञान विमुक्तये

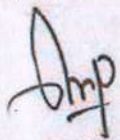


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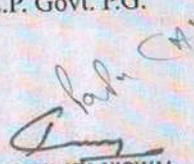
This certificate is awarded to Dr./Shri/Smt./Ku. RAJKUMAR NEEMA
for his/her active participation in National Research Seminar Entitled "PREPARATION OF RESEARCH PROPOSAL
AND SCIENTIFIC PAPER WRITING" (शोध प्रस्ताव निर्माण एवं वैज्ञानिक शोध पत्र लेखन) held at B.L.P. Govt. P.G.
College, Mhow. We wish him/her bright future.


Dr. JULIET ONKAR
Co-Ordinator


Dr. REKHA VERMA
Convener


CAPTAIN Dr. SANJAY SOHANI
Secretary


Dr. SAISHWARI KOL
Co-Secretary


Dr. KUSUMLATA NIGWAL
Principal & Patron

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Government Madhav Science PG College, Ujjain, MP, India



NATIONAL WORKSHOP ON

**DRUG DISCOVERY TECHNOLOGY | APPROACH OF COMPUTATIONAL CHEMISTRY IN DRUG DESIGN
A NEW ERA OF BIOINFORMATICS & BIOTECHNOLOGY**

Conducted by

BioDiscovery Group, India

in collaboration with

Department of Bioinformatics, Biotechnology & PG Department of Chemistry & Pharmaceutical Chemistry

Certificate of Participation

Awarded to Dr./Mr./Mrs./Miss. Kalpna Vixendra Singh Student/ Research Scholar/ Faculty

of Govt. Madhav Science P.G. college, Ujjain for participating in this National Workshop

from 8-12 September, 2016

Topics covered at the workshop

- Introduction of Drug Designing
- Science involved in disease target
- Identification & Virtual screening
- In-silico generation of ligands
- Protein optimization
- Energy Minimization
- Molecular Docking Algorithm
- ADMET, Drug Likeness, Bioactivity.
- Selection of potent inhibitors on the basis of binding energies & Lipinski's Rule of 5.
- Structure (Protein - Ligand complex) and H-Bond Interaction Analysis.

Asif Naqvi
Founder & CEO
BioDiscovery Group, India

Dr Usha Shrivastava
Principal
Madhav Science PG College
Ujjain, MP, India

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Certificate of Participation

5 DAYS eWORKSHOP IN CHEMOINFORMATICS

Conducted by BioDiscovery Group, Life Sciences, India

This is to certify that

Dr. Kalpana Virendra Singh

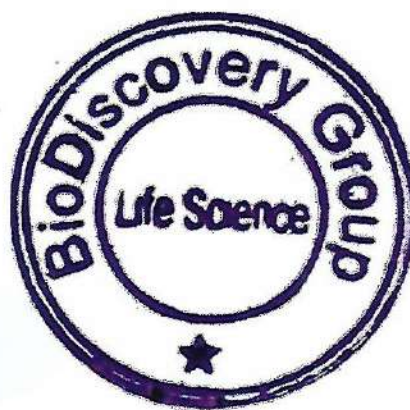
Asstt. Professor Chemistry, from Govt. Madhav Science P.G. College Ujjain, India

*has participated in this program from 06-12 September, 2016 and completed
successfully.*

Topics that were covered are:

- Introduction to Cheminformatics
- Applications of Cheminformatics
- Smiles
- Databases
- Molecule Editing
- Drawing and Visualization of Molecules
- ADME analysis
- Toxicity checking of Molecule
- Docking of Modified and Non- Modified Molecules
- Comparison of Results

Asif Naqvi



Asif Naqvi
Founder & CEO
BioDiscovery Group
India

BioDiscovery Group
LifeSciences
www.biodiscoverygroup.com



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Govt. Madhav Science P.G. College, Ujjain

DST-FIST College

'A' Grade accredited through NAAC



CERTIFICATE

This is to certify that

Dr. Kalpana V. Singh

*of Govt. Madhav Science P.G. College, Ujjain.....attended two day workshop on
“Latest Technologies in Synthesis with special reference to Microwave assisted Organic Reaction
Enhancement (MORE)” organized by Postgraduate Department of Chemistry and Pharmaceutical
Chemistry, Govt. Madhav Science PG College, Ujjain on 3rd & 4th August, 2017.*

Arpan
Dr. Arpan Bhardwaj
Convener
&
Coordinator Pharmaceutical Chemistry

Ajay M. Chaturvedi
Dr. Ajay M. Chaturvedi
Head of the Department
of
Chemistry

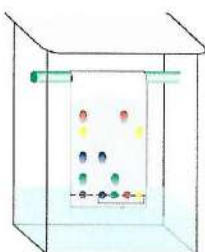
Usha Shrivastava
Dr. Usha Shrivastava
Principal

Technical Support : Lab India Thane, PGTR

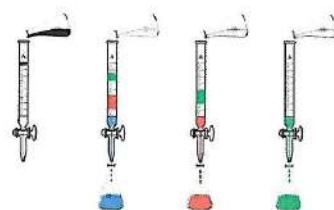
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National Workshop on Separation Techniques

Organized by
School of Studies in Chemistry and Biochemistry, Vikram University, Ujjain



NAAC Accredited 'A' Grade



Certificate

This is to certify that Dr. / Mr. / Ms. *Kalpna Singh*..... from
Gout. Madhav Science College, Ujjain..... has
attended the "National Workshop on Separation Techniques" organized by School
of Studies in Chemistry and Biochemistry, Vikram University, Ujjain (M.P.) on
February 23-24, 2018.

Dr. B. K. Mehta
Chairman

Dr. Shubha Jain
Convener

Dr. Darshana Mehta
Organizing Secretary

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M.P. Council of Science & Technology

University Co-ordinator Cell

Vigyan Bhawan, Nehru Nagar Bhopal-462003 (M.P.)

CERTIFICATE

Certified that Mr./Ms./ Dr. *Kalpana Singh*

has participated in the Workshop on “**Methodology for Preparation of High Quality Research Project and Networking among MPCST & University/Colleges**” on 16th January 2018 at M.P. Council of Science & Technology, Bhopal

D.K. Soni

Sr. Principal Scientist &
Incharge University Co-ordinator Cell

Dr. Navin Chandra
Director General

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NATIONAL CONFERENCE

ON

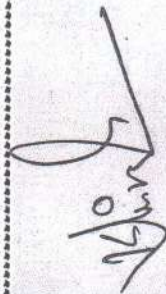
NEW FRONTIERS IN SCIENCE :
A PARADIGM SHIFT TO POLICY PLANNING

01/12/2017 to 03/12/2017

Dr. Shubhangi Vaidya Prof. Zoology from
Madhav Science P.G. College Ujjain.

participated in the National Conference and presented paper

..... through Oral/Poster/Virtual mode.



Dr. Kalpana V. Singh
Coordinator Conference


Dr. Arpan Bhardwaj
H.O.D. Chemistry

Dr. Usha Shrivastava
Principal

GOVT. MADHAV SCIENCE
POST GRADUATE COLLEGE,
UJJAIN (M.P.)

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Department of Higher Education

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School of Studies in Environment Management Vikram University, Ujjain (MP)



NAAC Accredited 'A' Grade

Certificate of Participation

This is to certify that Dr./Mr./Ms. *Shubhangi Vaidya*.....
.....*Gout. Madhav Science College*..... *UJJAIN*..... participated
in the National Workshop on "Biodiversity Conservation: Need and
Strategies" held during February 1-2, 2018.

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ARPAN BHARDWAJ
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AJ11@GMAIL.COM,

A handwritten signature in black ink, appearing to read 'Dr. DM Kumawat', is written over the printed name.

Dr. DM Kumawat
Convener

Govt. Madhav Science P.G. College, Ujjain

DST-FIST College

'A' Grade accredited through NAAC



CERTIFICATE

This is to certify that

Shruti Sharma

of *Govt. Madhav Science PG College, Ujjain* attended two day workshop on
"Latest Technologies in Synthesis with special reference to Microwave assisted Organic Reaction
Enhancement (MORE)" organized by Postgraduate Department of Chemistry and Pharmaceutical
Chemistry, Govt. Madhav Science PG College, Ujjain on 3rd & 4th August, 2017.

Arpan
Dr. Arpan Bhardwaj

Convener
&

Coordinator Pharmaceutical Chemistry

Ajay M. Chaturvedi
Dr. Ajay M. Chaturvedi

Head of the Department
of
Chemistry

Usha Srivastava
Dr. Usha Srivastava
Principal

Technical Support : Lab India Thane, PGRI Indore

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NATIONAL CONFERENCE**

**ON
NEW FRONTIERS IN SCIENCE :
A PARADIGM SHIFT TO POLICY PLANNING**

01/12/2017 to 03/12/2017

Dr. Ms. Shuchi Sharma from
*Pharma Chemistry Deptt Govt. Madhav Science PG
College Ujjain M.P.*
participated in the National Conference and presented paper

through Oral/Poster/Virtual mode

[Signature]
Dr. Kalpana V Singh
Coordinator Conference

[Signature]
Dr. Arpan Bhardwaj
H.O.D. Chemistry

[Signature]
Dr. Usha Shrivastava
Principal

School of Studies in Environment Management
Vikram University, Ujjain (MP)



NAAC Accredited 'A' Grade

Certificate Of Participation

This is to certify that Dr./Mr./Ms. ✓ H. S. Dwivedi.....
Grout., Madhav Science P.G. College, UJJAIN..... participated
in the National Workshop on “**Biodiversity Conservation: Need and
Strategies**” held during February 1-2, 2018.

Dr. DM Kumawat
Convener

GOVT. MADHAV SCIENCE
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UJJAIN (M.P.)

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ON
NEW FRONTIERS IN SCIENCE :
A PARADIGM SHIFT TO POLICY PLANNING

01/12/2017 to 03/12/2017

Dr. H. S. Dwivedi Prof. Botany from
Govt. Madhav Science P.G. College Ujjain.

participated in the National Conference and presented paper

through Oral/Poster/Virtual mode.

Kalpana V. Singh
Dr. Kalpana V. Singh
Coordinator Conference

Arpan Bhardwaj
Dr. Arpan Bhardwaj
H.O.D. Chemistry

Usha Shrivastava
Dr. Usha Shrivastava
Principal

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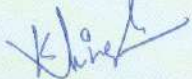
CERTIFICATE OF PARTICIPATION IN NATIONAL CONFERENCE

ON
NEW FRONTIERS IN SCIENCE :
A PARADIGM SHIFT TO POLICY PLANNING

01/12/2017 to 03/12/2017

Dr. Pinky Dwivedi Prof. Botany from
Govt. Madhav Science P.G. College Ujjain M.P.

participated in the National Conference and presented paper
Physico-chemical - - - - - Soyabean
and wheat
through Oral/Poster/Virtual mode.


Dr. Kalpana V. Singh
Coordinator Conference


Dr. Arpan Bhardwaj
H.O.D. Chemistry


Dr. Usha Shrivastava
Principal

Signature Not Verified
ARPAN BHARDWAJ
E=ARPANBHARDW
AJ11@GMAIL.COM,

School of Studies in Environment Management Vikram University, Ujjain (MP)



NAAC Accredited 'A' Grade

Certificate Of Participation

This is to certify that Dr./Mr./Ms. [✓] Pinky Dwivedi
..... Gout. Madhav Science college, UJJAIN participated
in the National Workshop on "Biodiversity Conservation: Need and
Strategies" held during February 1-2, 2018.

Dr. DM Kumawat
Convener

Govt. Madhav Science P.G. College, Ujjain

DST-FIST College

'A' Grade accredited through NAAC



सत्यं ज्ञानमनन्तम्

CERTIFICATE

This is to certify that

Dr. Pratibha Namdeo

*of Govt. Madhav Science P.G. College, Ujjain.....attended two day workshop on
“Latest Technologies in Synthesis with special reference to Microwave assisted Organic Reaction
Enhancement (MORE)” organized by Postgraduate Department of Chemistry and Pharmaceutical
Chemistry, Govt. Madhav Science PG College, Ujjain on 3rd & 4th August, 2017.*

Arpan
Dr. Arpan Bhardwaj

Convener
&

Coordinator Pharmaceutical Chemistry

Ajay M.
Dr. Ajay M. Chaturvedi

Head of the Department
of
Chemistry

Usha
Dr. Usha Shrivastava

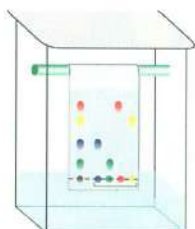
Principal

Technical Support : Lab India Thane, PGTRI Indore

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AJ11@GMAIL.COM,

National Workshop on Separation Techniques

Organized by
School of Studies in Chemistry and Biochemistry, Vikram University, Ujjain



NAAC Accredited 'A' Grade



Certificate

This is to certify that Dr. /Mr./Ms. *Pratibha Namdeo*..... from
Gout. Madhav Science College, Ujjain..... has
attended the "National Workshop on Separation Techniques" organized by School
of Studies in Chemistry and Biochemistry, Vikram University, Ujjain (M.P.) on
February 23-24, 2018.

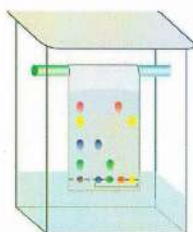
Dr. B. K. Mehta
Chairman

Dr. Shubha Jain
Convener

Dr. Darshana Mehta
Organizing Secretary

National Workshop on Separation Techniques

Organized by
School of Studies in Chemistry and Biochemistry, Vikram University, Ujjain



NAAC Accredited 'A' Grade



Certificate

This is to certify that Dr. /Mr./Ms. Rekha Nagwanshi..... from
Govt. Madhav Science College, Ujjain..... has
attended the "National Workshop on Separation Techniques" organized by School
of Studies in Chemistry and Biochemistry, Vikram University, Ujjain (M.P.) on
February 23-24, 2018.


Dr. B. K. Mehta
Chairman


Dr. Shubha Jain
Convener


Dr. Darshana Mehta
Organizing Secretary

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UGC-SAP (DRS - II)



ज्ञान - विज्ञानं विमुक्तये

2nd National Conference on
Advances in Environmental & Chemical Sciences
Pt. Ravishankar Shukla University, Raipur, Chhattisgarh

Certificate

This is to certify that Prof./Dr./Mr./Mrs./Ms.

REKHA NAGWANSHI

has given an Invited Talk / Presented a Paper / Poster / Participated in the

UGC-SAP (DRS-II) 2nd National Conference on Advances in Environmental & Chemical Sciences
held at School of Studies in Chemistry, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh during
March 22-23, 2018, under the auspices of University Grants Commission, New Delhi

Convener

National Conference on

Co-ordinator

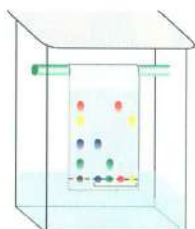
UGC-SAP (DRS-II)

SoS in Chemistry, Pt. Ravishankar Shukla University, Raipur

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AJ11@GMAIL.COM,

National Workshop on Separation Techniques

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School of Studies in Chemistry and Biochemistry, Vikram University, Ujjain



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Certificate

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Gout. Madhav Science College, Ujjain..... has
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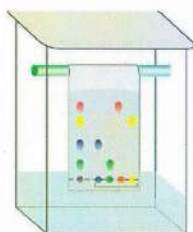
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Chairman

Dr. Shubha Jain
Convener

Dr. Darshana Mehta
Organizing Secretary

National Workshop on Separation Techniques

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Certificate

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Dr. B. K. Mehta
Chairman


Dr. Shubha Jain
Convener


Dr. Darshana Mehta
Organizing Secretary

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UGC-SAP (DRS - II)



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National Conference on

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POST GRADUATE COLLEGE,
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Sponsored by :
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ON
NEW FRONTIERS IN SCIENCE :
A PARADIGM SHIFT TO POLICY PLANNING


01/12/2017 to 03/12/2017

Dr. Rekha Nagwanshi Prof. Chemistry from
Govt. Madhav Science P.G. College Ujjain M.P.

participated in the National Conference and presented paper
"Gold Nanoparticle for Inhibition and reactivation
of AChE: An application to Pesticides .
and awarded best paper in faculty category -
through Oral/Poster/Virtual mode.


Dr. Kalpana V. Singh
Coordinator Conference


Dr. Arpan Bhardwaj
H.O.D. Chemistry


Dr. Usha Shrivastava
Principal

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AJ11@GMAIL.COM,

Govt. Madhav Science P.G. College, Ujjain

DST-FIST College

'A' Grade accredited through NAAC



CERTIFICATE

This is to certify that

Dr. Shakuntala Pandey

of *Govt. Madhav Science P.G. College, Ujjain* attended two day workshop on
“Latest Technologies in Synthesis with special reference to Microwave assisted Organic Reaction
Enhancement (MORE)” organized by Postgraduate Department of Chemistry and Pharmaceutical
Chemistry, Govt. Madhav Science PG College, Ujjain on 3rd & 4th August, 2017.

Arpan
Dr. Arpan Bhardwaj
Convener
&

Ajay M.
Dr. Ajay M. Chaturvedi
Head of the Department
of

Usha
Dr. Usha Shrivastava
Principal

Signature Not Verified
ARPAN BHARDWAJ
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AJ11@GMAIL.COM,



CAREER COLLEGE, BHOPAL

INTERNATIONAL CONFERENCE ON
ADVANCES IN CHEMICAL SCIENCES AND ALLIED FIELDS OF
SCIENCE, HEALTH, EDUCATION & ENVIRONMENT

8 - 10 March 2018 (ACAEE:2018)

certificate
THIS CERTIFIES THAT

Dr./Prof./Mr./Ms. *Pramod Kumar Malviya*

of *S.G.S. Gov. College, Sidhi* has Participated / Presented research paper (Oral/Poster)

entitled *X-ray k-absorption near edge & fine structural studies of transition metals*

in International Conference "ACAEE:2018" held on 8th - 10th March, 2018.

Co-authored (1) (2)

Shri
Convener

Rajni
Shri Vishnu Rajoriya
Chief Patron
Chairman, Career College, Bhopal

P.N. Tiwari
Dr. P.N. Tiwari
Patron
Principal, Career College, Bhopal

Arpan Bhardwaj
Co - Convener

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AJ11@GMAIL.COM,

Human Resource Development Centre

Pt. Ravishankar Shukla University, Raipur - 492010, Chhattisgarh
(NAAC Accredited : 'A')



UGC-SPONSORED REFRESHER COURSE CERTIFICATE OF PARTICIPATION

This is to certify that

Dr. Pramod Kumar Malviya from **Govt. Sanjay Gandhi Smrati College, Sidhi** affiliated to **Awadhesh Pratap Singh University, Rewa** participated in to the 3-weeks Refresher Course in Physics, Theme "**Recent Advances in Physics**" held from **24.10.2017** to **13.11.2017** and obtained **Grade "...B..."**

Course Coordinator

Director

Vice-Chancellor

School of Studies in Environment Management
Vikram University, Ujjain (MP)



NAAC Accredited 'A' Grade

Certificate Of Participation

This is to certify that Dr./~~Mr.~~/Ms..... Seema Trivedi.....
..... Govt. Vikram College, KHACHROD..... participated
in the National Workshop on "**Biodiversity Conservation: Need and
Strategies**" held during February 1-2, 2018.

Dr. DM Kumawat
Convener

B-10-045



ONE DAY INTERDISCIPLINARY INTERNATIONAL CONFERENCE ON

RECENT ADVANCES IN LANGUAGES, LITERATURE AND SOCIAL SCIENCES

Organized by
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New Man Publication

Certificate

This is to certify that Dr. / Ms. / Mr. R.C. Hemmani.
of Govt. Madhav PG. Si college, Ujjain. has
actively participated in One-day Interdisciplinary International Conference on "**Recent Advances in
Languages, Literature and Social Sciences**" held on 17th February, 2018 at Maulana Abul Kalam Azad Research
Centre, T.V.Centre Road, Aurangabad.

He / She presented a paper entitled
The concept of Gestus in Bertolt Brecht's theory and practice of Drama.

Dr Kalyan Gangarde
Chief Organizer

Dr Ramkishan Bhise
Convener

Dr Krutika Khandare
Organizing Secretary

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AJ11@GMAIL.COM,



राष्ट्रीय युवा वैज्ञानिक संवाद

राष्ट्रीय युवा वैज्ञानिक संवाद

सन्दर्भ : विक्रमादित्य अमृत महोत्सव 2018

दिनांक : 28 सितम्बर 2018, शुक्रवार

प्रमाण-पत्र

प्रमाणित किया जाता है कि श्री / श्रीमती / कु./डॉ. श्रुति शर्मा
कक्षा अतिथि वि०पान महाविद्यालय शा. माधव विज्ञान स्नातकोत्तर महाविद्यालय ने
शा. माधव विज्ञान स्नातकोत्तर महाविद्यालय, उज्जैन द्वारा आयोजित राष्ट्रीय युवा वैज्ञानिक संवाद में सहभागिता की।
महाविद्यालय आपके उज्ज्वल भविष्य की कामना करता है।

डॉ. कल्पना वीरेन्द्र सिंह
कार्यक्रम संयोजक

प्रो. अर्पण भारद्वाज
प्राचार्य एवं सचिव जनभागीदारी समिति



आयोजक

शा. माधव विज्ञान स्नातकोत्तर महाविद्यालय, उज्जैन
नेक द्वारा A ग्रेड प्राप्त

उत्प्रेरक एवं प्रायोजक

म.प्र. विज्ञान एवं प्रौद्योगिकी परिषद, भोपाल



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AJ11@GMAIL.COM,



राष्ट्रीय युवा वैज्ञानिक संवाद

राष्ट्रीय युवा वैज्ञानिक संवाद

सन्दर्भ : विक्रमादित्य अमृत महोत्सव 2018

दिनांक : 28 सितम्बर 2018, शुक्रवार

प्रमाण-पत्र

प्रमाणित किया जाता है कि श्री/श्रीमती/कु./डॉ. Bhawna Malik
कक्षा Guest faculty महाविद्यालय Gout. Madhav Science College, Ujjain ने
Biotechnology

शा. माधव विज्ञान स्नातकोत्तर महाविद्यालय, उज्जैन द्वारा आयोजित राष्ट्रीय युवा वैज्ञानिक संवाद में सहभागिता की।

महाविद्यालय आपके उज्ज्वल भविष्य की कामना करता है।

डॉ. कल्पना वीरेन्द्र सिंह
कार्यक्रम संयोजक

प्रो. अर्पण भारद्वाज
प्राचार्य एवं सचिव जनभागीदारी समिति



आयोजक

शा. माधव विज्ञान स्नातकोत्तर महाविद्यालय, उज्जैन
नेक द्वारा A ग्रेड प्राप्त

उत्प्रेरक एवं प्रायोजक

म.प्र. विज्ञान एवं प्रौद्योगिकी परिषद, भोपाल



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AJ11@GMAIL.COM,



राष्ट्रीय युवा वैज्ञानिक संवाद

राष्ट्रीय युवा वैज्ञानिक संवाद

सन्दर्भ : विक्रमादित्य अमृत महोत्सव 2018

दिनांक : 28 सितम्बर 2018, शुक्रवार

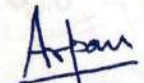
प्रमाण-पत्र

प्रमाणित किया जाता है कि श्री / श्रीमती / कु./डॉ. K.S. wishuakaruna
कक्षा Professor (Botany) महाविद्यालय Govt. Madhav Science P.G. College, Ujjain

शा. माधव विज्ञान स्नातकोत्तर महाविद्यालय, उज्जैन द्वारा आयोजित राष्ट्रीय युवा वैज्ञानिक संवाद में सहभागिता की।

महाविद्यालय आपके उज्ज्वल भविष्य की कामना करता है।


डॉ. कल्पना वीरेन्द्र सिंह
कार्यक्रम संयोजक


प्रो. अर्पण भारद्वाज
प्राचार्य एवं सचिव जनभागीदारी समिति



आयोजक
शा. माधव विज्ञान स्नातकोत्तर महाविद्यालय, उज्जैन
नेक द्वारा A ग्रेड प्राप्त

उत्प्रेरक एवं प्रायोजक
म.प्र. विज्ञान एवं प्रौद्योगिकी परिषद, भोपाल



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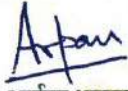
प्रमाण-पत्र

प्रमाणित किया जाता है कि श्री / श्रीमती / कु./डॉ. H. S. Dwivedi
कक्षा Professor (Botany) महाविद्यालय Gout. Madhav Science P.G. College, Ujjain ने

शा. माधव विज्ञान स्नातकोत्तर महाविद्यालय, उज्जैन द्वारा आयोजित राष्ट्रीय युवा वैज्ञानिक संवाद में सहभागिता की।

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कार्यक्रम संयोजक


प्रो. अर्पण भारद्वाज
प्राचार्य एवं सचिव जनभागीदारी समिति



आयोजक
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नेक द्वारा A ग्रेड प्राप्त

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म.प्र. विज्ञान एवं प्रौद्योगिकी परिषद, भोपाल



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राष्ट्रीय युवा वैज्ञानिक संवाद

राष्ट्रीय युवा वैज्ञानिक संवाद

सन्दर्भ : विक्रमादित्य अमृत महोत्सव 2018

दिनांक : 28 सितम्बर 2018, शुक्रवार

प्रमाण-पत्र

प्रमाणित किया जाता है कि श्री / श्रीमती / कु./डॉ. Pinky Duvindi
कक्षा Assistant-Professor महाविद्यालय Gout. Madhav Science P.G. College, Ujjain ने
(Botany)

शा. माधव विज्ञान स्नातकोत्तर महाविद्यालय, उज्जैन द्वारा आयोजित राष्ट्रीय युवा वैज्ञानिक संवाद में सहभागिता की।

महाविद्यालय आपके उज्ज्वल भविष्य की कामना करता है।


डॉ. कल्पना वीरेन्द्र सिंह
कार्यक्रम संयोजक


प्रो. अर्पण भारद्वाज
प्राचार्य एवं सचिव जनभागीदारी समिति



आयोजक
शा. माधव विज्ञान स्नातकोत्तर महाविद्यालय, उज्जैन
नेक द्वारा A ग्रेड प्राप्त

उत्प्रेरक एवं प्रायोजक
म.प्र. विज्ञान एवं प्रौद्योगिकी परिषद, भोपाल



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NATIONAL CONFERENCE

on

Recent Advances and Innovation in the Realm of Commerce (RAIRC-I)

October 06, 2018

Certificate

This is to certify that Dr./Mr./Ms. Anshu Joshi.
of Madhav Science College, Ujjain. presented/participated/contributed
a paper titled — — —

organized by Commerce Department, Christian Eminent College, Indore

(Dr. Mukesh Keshari)
Convener

(Prof. V. S. Chouhan)
Director (Admin.)

(Dr. Rakesh Vyas)
Principal

(Prof. H. N. Gupta)
Director



CHRISTIAN EMINENT COLLEGE, INDORE

(Academy of Management, Professional Education & Research)

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NATIONAL CONFERENCE

on

Recent Advances and Innovation in the Realm of Commerce (RAIRC-I)

October 06, 2018

Certificate

This is to certify that Dr./Mr./Ms. Shikha Shivaliya.
of Madhav Science College, Ujjain. presented/participated/contributed
a paper titled _____

organized by Commerce Department, Christian Eminent College, Indore

(Dr. Mukesh Keshari)
Convener

(Prof. V. S. Chouhan)
Director (Admin.)

(Dr. Rajesh Vyas)
Principal

(Prof. H. N. Gupta)
Director

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ARPAN BHARDWAJ
E=ARPANBHARDW
AJ11@GMAIL.COM,

23RD CRSI NATIONAL SYMPOSIUM IN CHEMISTRY



13-15 July, 2018

Organized by

Indian Institute of Science Education and Research Bhopal



This is to certify that

Dr. Rekha Nagwanshi

Govt. Madhav Science PG College, Ujjain

has presented a poster in the

23rd CRSI National Symposium in Chemistry

during July 13-15, 2018 held in

Indian Institute of Science Education and Research Bhopal

Signature Not Verified
ARPAN BHARDWAJ
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AJ11@GMAIL.COM,

Joyanta Choudhury
Convener, CRSI NSC 23



CHANDRA SHEKHAR AZAD GOVT. P. G. NODAL COLLEGE, SEHORE International Conference

On

USE OF ICT IN DEVELOPING EFFECTIVENESS OF TEACHING SKILLS FOR TEACHERS IN HIGHER EDUCATION

30th JULY 2018

Organized By

IOAC AND DEPARTMENT OF COMPUTER SCIENCE, CSA GOVT. P.G. COLLEGE, SEHORE

&

TEACHING LEARNING CENTRE RAMANUJAN COLLEGE, UNIVERSITY OF DELHI



Certificate of Appreciation

This is to certify that

Dr./Mr./Ms.....REKHA.....NAGANISHI.....from.....S.A.V.T. M.V.M.....COLLEGE,

.....V.J.JAIN.....(M.P.).....

.....Chaired / Participated / Presented his / her paper entitled

.....Photocatalytic degradation of acridine yellow in aqueous suspension
of zinc oxide using visible radiation

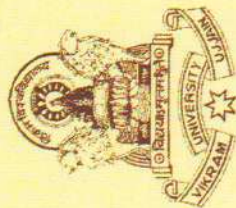
Coordinator
Dr. Ila Jain

Convener
Dr. Anil Rajput

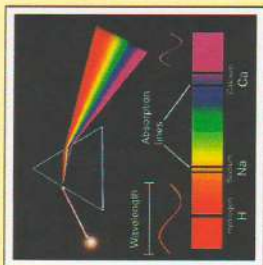
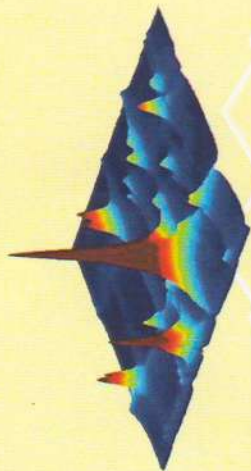
Patron
Dr. Pushpa Dubey, Principal

National Seminar on Recent Advances in Spectroscopic Techniques

Organized by
School of Studies in Chemistry and Biochemistry, Vikram University, Ujjain



NAAC Accredited 'A' Grade



Certificate

This is to certify that *Dr. / Mr./Ms. Rekha Nagwanshi*.....
from *Govt. Madhav Science, P.G. College, Ujjain (M.P.)*..... has
participated in the "National Seminar on Recent Advances in Spectroscopic
Techniques" on March 15-16, 2019.

Dr. B. K. Mehta
Chairman

Dr. Shubha Jain
Convener

Dr. Darshana Mehta
Organizing Secretary

GOVT. MADHAV SCIENCE
POST GRADUATE COLLEGE,

UJJAIN (M.P.)

DST-FIST COLLEGE
'A' GRADE ACCREDITED



Sponsored by :

Janabhagidari Samiti

Department of Higher Education

Supported by:

IQAC
CEQIC

CERTIFICATE OF PARTICIPATION IN NATIONAL CONFERENCE

ON

NEW FRONTIERS IN SCIENCE :
A PARADIGM SHIFT TO POLICY PLANNING

01/12/2017 to 03/12/2017

Dr. Shaileja Acharya Prof. Zoology from

Madhav Science P.G. College Ujjain.

participated in the National Conference and presented paper

through Oral/Poster/Virtual mode.

Dr. Kalpana V. Singh
Coordinator Conference

Dr. Arpan Bhardwaj
H.O.D. Chemistry

Dr. Usha Shrivastava
Principal

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5
A

School of Studies in Environment Management

Vikram University, Ujjain (MP)



NAAC Accredited 'A' Grade

15

Certificate Of Participation

This is to certify that Dr./Mr./Ms.....*Shailaja Acharya*.....
.....*Gout. Madhav S. Science College UTTARAIN*..... participated
in the National Workshop on "Biodiversity Conservation: Need and
Strategies" held during February 1-2, 2018.

Shail

Dr. DM Kumawat
Convener

GOVT. MADHAV SCIENCE
POST GRADUATE COLLEGE,

UJJAIN (M.P.)

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IN

NATIONAL CONFERENCE

ON

NEW FRONTIERS IN SCIENCE :

A PARADIGM SHIFT TO POLICY PLANNING

01/12/2017 to 03/12/2017

Dr. Rekha Khanna Prof. Zoology from

Madhav Science P.G. College Ujjain,

participated in the National Conference and presented paper

..... through Oral/Poster/Virtual mode.

Dr. Kalpana V. Singh

Coordinator Conference

Dr. Arpan Bhardwaj

H.O.D. Chemistry

Dr. Usha Shrivastava

Principal

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School of Studies in Environment Management

Vikram University, Ujjain (MP)



NAAC Accredited 'A' Grade

Certificate Of Participation

This is to certify that [✓]Dr./~~Mr.~~/Ms. Rekha Khanna.....
.....Govt. M.V.M. UJJAIN..... participated
in the National Workshop on “Biodiversity Conservation: Need and
Strategies” held during February 1-2, 2018.

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Dr. DM Kumawat
Convener



राष्ट्रीय युवा वैज्ञानिक संवाद

राष्ट्रीय युवा वैज्ञानिक संवाद

सन्दर्भ : विक्रमादित्य अमृत महोत्सव 2018

दिनांक : 28 सितम्बर 2018, शुक्रवार

प्रमाण-पत्र

प्रमाणित किया जाता है कि श्री / श्रीमती / कु./डॉ. कोमल चेतारमानी
कक्षा अतिथि पिठवान महाविद्यालय शा. माधव विज्ञान महाविद्यालय उज्जैन (म.प्र.) ने
शा. माधव विज्ञान स्नातकोत्तर महाविद्यालय, उज्जैन द्वारा आयोजित राष्ट्रीय युवा वैज्ञानिक संवाद में सहभागिता की।

महाविद्यालय आपके उज्ज्वल भविष्य की कामना करता है।

डॉ. कल्पना वीरेन्द्र सिंह
कार्यक्रम संयोजक

प्रो. अर्पण भारद्वाज
प्राचार्य एवं सचिव जनभागीदारी समिति



आयोजक

शा. माधव विज्ञान स्नातकोत्तर महाविद्यालय, उज्जैन
नेक द्वारा A ग्रेड प्राप्त

उत्प्रेरक एवं प्रायोजक

म.प्र. विज्ञान एवं प्रौद्योगिकी परिषद, भोपाल



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GOVT. MADHAV SCIENCE P.G. COLLEGE UJJAIN

DST-FIST College
A Grade accredited by NAAC

CERTIFICATE OF PARTICIPATION

NATIONAL SEMINAR ON "NEHRU"

A VISIONARY'S CONTRIBUTION TO EDUCATION & INCULCATION OF
SCIENTIFIC TEMPERAMENT AMONG YOUTH IN INDIA

14th & 15th NOVEMBER 2019

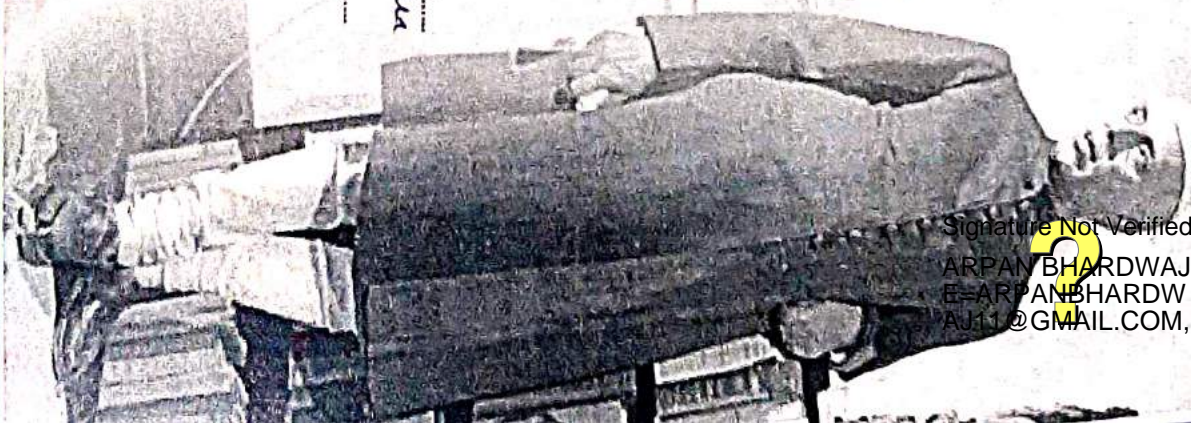
Certified that Dr./Mr./Mrs./Km. Komal Gaudarasmit Govt. Madhav Sc.
P.G. College Ujjain
Participated/ presented poster titled

in the National Seminar supported by IQAC and sponsored by Janabhagidari Samiti.

Dr. Kalpana Singh
Coordinator

Dr. Brijesh Pare
Head Department of Chemistry

Dr. Arpan Bhardwaj
Principal



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VISION OF THE COLLEGE

To be a value-driven Institute providing quality education in science
which thrives for producing scholars with concern and care for environment
and society that will best serve the nation in the 21st Century.

International Seminar
Recent Advances on Chemical Sciences and Allied Areas (RACS2A-2018)
& the 55th Annual Convention of Chemists 2018
December 28-30, 2018

Organised by

Indian Chemical Society

92, Acharya Prafulla Chandra Road, Kolkata-700 009

Phone : 91-033-2360 9497 Fax & Phone : 91-033-2350 3478

E-mail : indi3478@dataone.in

Web : <http://www.indianchemicalsociety.com>



Hosted by

Department of Chemistry

G. B. College, Naugachia (T. M. Bhagalpur University),

Bhagalpur-853 204, Bihar

REKHA NAGWANSHI

This is to certify that Professor/Dr./Mr./Ms.

of Govt. Madhav Science P.G. College, Ujjain (M.P.)

has attended the International Seminar and the 55th Annual Convention of Chemists 2018 and presented a paper entitled "Inhibition and Reactivation of acetylcholinesterase"

..... Organophosphorus Pesticides" in the Organic and Bio-chemistry Section (Paper No. ORG(OP)-01

Nashe

Dr. Ashok Kumar Jha

Convener

Local Organizing Committee

G. B. College, Naugachia

(T. M. Bhagalpur University)

Bhagalpur-853 204

Bihar

Chittaranjan Sinha

Professor Chittaranjan Sinha

Secretary, Convention Committee and

Honorary Secretary

Indian Chemical Society

and

Professor, Department of Chemistry

Jadavpur University

Kolkata-700 032

S. Ghosh

Professor Subrata Ghosh

Scientist-in-Charge,

Organic & Biochemistry Section

Indian Chemical Society

and

Department of Chemistry

Indian Association for the Cultivation of Science

Jadavpur, Kolkata-700 032

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**Government Holkar (Model, Autonomous)
Science College, Indore (M.P.)**

Center for Excellence, Accredited Grade 'A' by NAAC

**National Seminar on
"Recent Trends in Basic Sciences - RTBS 2018"**

Organized by : Department of Chemistry
(Dedicated to Honorable Late Dr. S.S. Deshpande)

3rd & 4th October 2018

Certificate



Late Dr. S.S. Deshpande

This is to certify that Dr. / Prof./Mr./Ms. Shakuntala Pande
of Govt. Madhav Science College, Ujjain..... has presented (oral/poster),
/ submitted research paper / delivered invited lecture / participated, in the National
Seminar on "Recent Trends in Basic Sciences - RTBS 2018" held at Indore on October
3rd & 4th 2018.

Jain
Dr. Anamika Jain
HOD & Convener

Vijay R. Chourey
Dr. Vijay R. Chourey
Co-convener

Vyas
Dr. Rooplekha Vyas
Patron & Principal

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CERTIFICATE

ACROPOLIS INSTITUTE OF MANAGEMENT STUDIES AND RESEARCH, INDORE

1st International Conference

On

“Recent Advances & Innovation in Business Management & Science”

Organised by



In Association With



Research Foundation of India
रिसर्च फाउंडेशन ऑफ इंडिया

Supported By



Sponsored by



It is Certified that Prof./Dr./Mr./Ms./Mrs. P.K. Malviya (Asso. Prof)
of Govt. Madhav Science College Ujjain
Participated in the 1st International Conference on “Recent Advances & Innovation in Business Management & Science” at
Acropolis Institute of Management Studies and Research, Indore, MP, India on 7-8 June 2019 as Chairperson/
Co-chairperson / Resource Person / Invited Guest / Invited Keynote Speaker / Delegate and Presented / Participated Paper
title “X-ray K absorption near edge and fine structural studies of transition metal nanoparticles”
shared in technical session.....

Dr. Ashok Kumar Gupta
South Asian Country Head

Dr. Ashok Jhawar
Convener

Dr. Priyanka Chawla
Conference Secretary

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CHANDRA SHEKHAR AZAD GOVT. P. G. NODAL COLLEGE, SEHORE
International Conference



USE OF ICT IN DEVELOPING EFFECTIVENESS OF TEACHING SKILLS FOR TEACHERS IN HIGHER EDUCATION

30th JULY 2018



Organized By

IQAC AND DEPARTMENT OF COMPUTER SCIENCE, CSA GOVT. P.G. COLLEGE, SEHORE

&

TEACHING LEARNING CENTRE RAMANUJAN COLLEGE, UNIVERSITY OF DELHI



Yantrik



Certificate of Appreciation

This is to certify that

Dr./Mr./Ms. DR. SHOBHA SHOUKHE from GOVT. MADHAV SCIENCE

COLLEGE, UJJAIN Chaired / Participated / Presented his / her paper entitled

PYRROCHROME: SYNTHESIS & BIOLOGICAL APPLICATION

Coordinator

Convener

Dr. Anil Rajput

Patron

Dr. Pushpa Dubey, Principal

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Government Holkar (Model, Autonomous)
Science College, Indore (M.P.)

Center for Excellence, Accredited Grade 'A' by NAAC

National Seminar on
"Recent Trends in Basic Sciences - RTBS 2018"

Organized by : Department of Chemistry
(Dedicated to Honorable Late Dr. S.S. Deshpande)

3rd & 4th October 2018

Certificate

This is to certify that Dr. / Prof./Mr./Ms. *Dr. Kalpana Singh*.....
of *Govt. MADHAV SCIENCE COLLEGE, UTTAIN* has presented (oral/poster),
/ submitted research paper / delivered invited lecture / participated, in the National
Seminar on "Recent Trends in Basic Sciences - RTBS 2018" held at Indore on October
3rd & 4th 2018.

*Study of Frontier Molecular orbitals of targeted covalent
Inhibitor drugs: An advantage for rational drug design.*

Jain
Dr. Anamika Jain
HOD & Convener

Vichourey
Dr. Vijay R. Chourey
Co-convener

Ch
Dr. Rooplekha Vyas
Patron & Principal



Late Dr. S.S. Deshpande

Certificate

Govt. Girls' P.G. College, Ujjain

(Centre for Excellence) "A" Graded from NAAC – (2 cycles)



National Seminar on Science and Technology for Sustainable Development



NSSTSD-2020

19th & 20th, February 2020

It is certified that Shri/Smt. /Ku. /Dr. *Shulbhangi Vaidya* of *Govt. Madhav Science College, Ujjain* has attended the **National Seminar on "Science and Technology for Sustainable Development"** organized by Zoology & Biotechnology Department and Science Committee in collaboration with ASEA (Action for Sustainable, Efficacious Development and Awareness); sponsored by Janbhagidari Samiti, held on 19th & 20th February 2020 and contributed as a Resource Person / Chairperson / Judge / Participant. *"Impact of climatic Condition on Exiculture"*

She participated in the Working Modal/ Static Modal/Chart / Poster competition / Young Scientist Awardee and achieved position.

College wishes him/her bright future.

Leena
Dr. LEENA LAKHANI
Convener

Ulka
Dr. ULKA YADAV
Principal

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GOVT. MADHAV SCIENCE P.G. COLLEGE UJJAIN

DST-FIST College
A Grade accredited by NAAC

CERTIFICATE OF PARTICIPATION

NATIONAL SEMINAR ON "NEHRU"

A VISIONARY'S CONTRIBUTION TO EDUCATION & INCULCATION OF
SCIENTIFIC TEMPERAMENT AMONG YOUTH IN INDIA

14th & 15th NOVEMBER 2019

Certified that Dr./ Mr./Mrs./Kpt. Anil Pandey of Govt. Madhav science
P.G. college ujjain

Participated/ presented poster titled _____
in the National Seminar supported by IQAC and sponsored by Janabhagidari Samiti.

Dr. Kalpana Singh
Coordinator

Dr. Brijesh Pare
Head Department of Chemistry

Dr. Arpan Bhardwaj
Principal



VISION
OF THE COLLEGE

To be a value-driven Institute providing quality education in science
which thrives for producing scholars with concern and care for environment
and society that will best serve the nation in the 21st Century.

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Govt. Holkar (Model, Autonomous) Science College, Indore (M.P.)

In Association with



The National Academy of Sciences,
India (Bhopal Chapter)



The Society of Life Sciences,
Satna (M.P.)



Zoological Society of India, Gaya
(Central Zonal Chapter)




Research Promoting and
Communication Society, Indore

International Conference on Recent Advances in Life Sciences
for Betterment of Environment and Human Health
(ICRALBEH-2019) &
8th Annual Session of Society of Life Sciences
December 14-15, 2019

Certificate

This is to certify that Anil Pandey, Govt. Madhav Science College, Ujjain
has actively participated in the conference and presented an invited talk/a
Research paper (Oral/Poster)
and Chaired a session / Co-chaired a session / acted as an Rapporteur.

The organizing committee appreciates his/her commitment to the Betterment
of Environment and Human Health.


(Dr. M. M. Prakash)
Convener & HOD Zoology


(Dr. Suresh T Sitawat)
Principal and Chairman

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GOVT. MADHAV SCIENCE P.G. COLLEGE UJJAIN

DST-FIST College
A Grade accredited by NAAC

CERTIFICATE OF PARTICIPATION

NATIONAL SEMINAR ON "NEHRU"

A VISIONARY'S CONTRIBUTION TO EDUCATION & INCULCATION OF
SCIENTIFIC TEMPERAMENT AMONG YOUTH IN INDIA

14th & 15th NOVEMBER 2019

Certified that Dr./ Mr./Mrs./Km. Ayaz Ahmed Siddiqui of Govt. Madhav Science P.G. College Ujjain.

Participated/ presented poster titled _____

in the National Seminar supported by IQAC and sponsored by Janabhagidari Samiti.

Dr. Kalpana Singh
Coordinator

Dr. Brijesh Pare
Head Department of Chemistry

Dr. Arpan Bhardwaj
Principal



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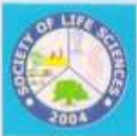


Govt. Holkar (Model, Autonomous) Science College, Indore (M.P.)

In Association with



The National Academy of Sciences,
India (Bhopal Chapter)



The Society of Life Sciences,
Satna (M.P.)



Zoological Society of India, Gaya
(Central Zonal Chapter)



Research Promoting and
Communication Society, Indore

International Conference on Recent Advances in Life Sciences
for Betterment of Environment and Human Health
(ICRALBEH-2019) &
8th Annual Session of Society of Life Sciences
December 14-15, 2019

Certificate

This is to certify that AYAZ AHMED, Govt. Madhav Science college
Indore,
has actively participated in the conference and presented an invited talk/a
Research paper (Oral/Poster)
and Chaired a session / Co-chaired a session / acted as an Rapporteur.

The organizing committee appreciates his/her commitment to the Betterment
of Environment and Human Health.


(Dr. M. M. Prakash)
Convener & HOD Zoology


(Dr. Suresh T Silawat)
Principal and Chairman

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Certificate

Govt. Girls' P.G. College, Ujjain

(Centre for Excellence) "A" Graded from NAAC – (2 cycles)



National Seminar on Science and Technology for Sustainable Development



NSSTSD-2020

19th & 20th, February 2020

It is certified that Shri/Smt. /Ku. /Dr. *Nyaz Siddiqui*..... of
Govt. Madhav Science College, Ujjain has attended the **National Seminar on "Science and Technology for Sustainable Development"** organized by Zoology & Biotechnology Department and Science Committee in collaboration with ASEA (Action for Sustainable, Efficacious Development and Awareness); sponsored by Janbhagidari Samiti, held on 19th & 20th February 2020 and contributed as a Resource Person / Chairperson / Judge / Participant.

She participated in the Working Modal / Static Modal / Chart / Poster competition / Young Scientist Awardee and achieved position.

College wishes him/her bright future.

Leena
Dr. LEENA LAKHANI
Convener

Ulka
Dr. ULKA YADAV
Principal

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GOVT. MADHAV SCIENCE P.G. COLLEGE UJJAIN

DST-FIST College
A Grade accredited by NAAC

CERTIFICATE OF PARTICIPATION

NATIONAL SEMINAR ON "NEHRU"

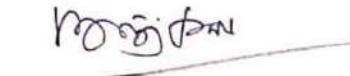
A VISIONARY'S CONTRIBUTION TO EDUCATION & INCULCATION OF
SCIENTIFIC TEMPERAMENT AMONG YOUTH IN INDIA

14th & 15th NOVEMBER 2019

Certified that Dr./ Mr./Mrs./Km. Sheuti Sharma of Govt Madhav Science P.G. College Ujjain

Participated/ presented poster titled _____
in the National Seminar supported by IQAC and sponsored by Janabhagidari Samiti.


Dr. Kalpana Singh
Coordinator


Dr. Brijesh Pare
Head Department of Chemistry


Dr. Arpan Bhardwaj
Principal

VISION
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To be a value-driven Institute providing quality education in science
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and society that will best serve the nation in the 21st Century.

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VISION

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GOVT. MADHAV SCIENCE P.G. COLLEGE UJJAIN

Institute For Excellence In Higher Education (Govt. Of M.P.)

A Grade Accredited Through NAAC

DST-FIST Supported

In Technical Association with PGTRI Indore



Confers certificate of participation for 7 day Faculty Development Programme
FUTURE TECHNOLOGIES IN POST COVID ERA
01st July to 7th July 2020

To *Ms. Shruti Sharma*

From *Govt. Madhav Science PG. College Ujjain M.P.*

Organized under ATMANIRBHAR BHARAT Scheme
SUPPORTED By : INTERNAL QUALITY ASSURANCE CELL

&

MPHEQIP SCHEME OF STATE PROJECT DIRECTORATE
DEPARTMENT OF HIGHER EDUCATION GOVT. OF M.P.

&

JANABHAGIDARI SAMITI

Dr. Kalpana Singh
IQAC Coordinator

Smt. Rupali Tiwari
Director PGTRI Indore

Dr. Arpan Bhardwaj
Principal & Chairperson IQAC

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Certificate

Govt. Girls' P.G. College, Ujjain

(Centre for Excellence) "A" Graded from NAAC – (2 cycles)



National Seminar on Science and Technology for Sustainable Development



NSSTSD-2020

19th & 20th, February 2020

It is certified that Shri/Smt. /Ku. /Dr. *Bhawna Malik* of *Govt. Madhav Science College, Ujjain* has attended the **National Seminar on "Science and Technology for Sustainable Development"** organized by Zoology & Biotechnology Department and Science Committee in collaboration with ASEA (Action for Sustainable, Efficacious Development and Awareness); sponsored by Janbhagidari Samiti, held on 19th & 20th February 2020 and contributed as a Resource Person / Chairperson/ Judge/ Participant. *Biological treatment of waste water of Khan River.*

She participated in the Working Modal/ Static Modal/Chart / Poster competition / Young Scientist Awardee and achieved position.

College wishes him/her bright future.

[Signature]
Dr. LEENA LAKHANI
Convener

[Signature]
Dr. ULKA YADAV
Principal

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AJ11@GMAIL.COM,



National Conference on CONFLUENCE OF NATURE AND SCIENCE


29th February 2020



NAAC
"A" Grade University

Certificate

This is to certify that Dr./Prof./Mr./Ms. Bhawna Malik
from Madhav Science College, Ujjain (M.P.) has
participated / delivered Plenary / Keynote / Invited talk in the National Conference
on "Confluence of Nature and Science", organized by Vikram University, Ujjain,
(M. P.) India.


Dean (Life Science)
Prof. Lata Bhattacharya


Nodal Coordinator
Prof. Uma Sharma


Convener
Dr. Kamlesh Dashora

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AJ11@GMAIL.COM,



GOVT. MADHAV SCIENCE P.G. COLLEGE UJJAIN



Awarded to Mrs. Bhawna Malik

From Govt. Madhav Science P.G. Colleg Ujjain M.P.

**Organized By: Internal Quality Assurance Cell
P.G. Department Of Chemistry**

Dr. Kalpana Singh
Coordinator IQAC

Dr. Arpan Bhardwaj
Principal & Chairperson IQAC

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Govt. Holkar (Model, Autonomous) Science College, Indore (M.P.)

In Association with



The National Academy of Sciences,
India (Bhopal Chapter)



The Society of Life Sciences,
Satna (M.P.)



Zoological Society of India, Gaya
(Central Zonal Chapter)




Research Promoting and
Communication Society, Indore


International Conference on Recent Advances in Life Sciences
for Betterment of Environment and Human Health
(ICRALBEH-2019) &
8th Annual Session of Society of Life Sciences
December 14-15, 2019

Certificate

This is to certify that H. S. Dwivedi Madhav Science College Ujjain
has actively participated in the conference and presented an invited talk/a
Research paper (Oral/Poster)
and Chaired a session / Co-chaired a session / acted as an Rapporteur.

The organizing committee appreciates his/her commitment to the Betterment
of Environment and Human Health.


(Dr. M. M. Prakash)
Convener & HOD Zoology


(Dr. Suresh T. Silawat)
Principal and Chairman

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Certificate

Govt. Girls' P.G. College, Ujjain

(Centre for Excellence) "A" Graded from NAAC – (2 cycles)



National Seminar on Science and Technology for Sustainable Development



NSSTSD-2020

19th & 20th, February 2020

It is certified that Shri/Smt. /Ku. /Dr. *H. S. Dwivedi* of *Govt. Madhav Science College, Ujjain* has attended the **National Seminar on "Science and Technology for Sustainable Development"** organized by Zoology & Biotechnology Department and Science Committee in collaboration with ASEA (Action for Sustainable, Efficacious Development and Awareness); sponsored by Janbhagidari Samiti, held on 19th & 20th February 2020 and contributed as a Resource Person / Chairperson/ Judge/ Participant. *"Biological Treatment of Waste Water of Khan River."*

She participated in the Working Modal/ Static Modal/Chart / Poster competition / Young Scientist Awardee and achieved position.

College wishes him/her bright future.

Leena
Dr. LEENA LAKHANI
Convener

Ulka
Dr. ULKA YADAV
Principal

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NATIONAL LEVEL LECTURE SERIES

On

'PMR AND CMR TOOLS FOR STRUCTURE ELUCIDATION'

26TH July 2020

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PG DEPARTMENT OF CHEMISTRY & PHARMACEUTICAL CHEMISTRY

SUPPORTED BY: MPHEQIP SCHEME OF STATE PROJECT DIRECTORATE
DEPARTMENT OF HIGHER EDUCATION GOVT. OF M.P.

&
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Dr. Kalpana Singh
IQAC Coordinator

Dr. Brijesh Pare
HOD Chemistry

Dr. Arpan Bhardwaj
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ACADEMIC LECTURE

ECONOMICS AND ECOLOGY

8TH JULY 2020

BY

SH. ANIL PRAKASH JOSHI

PADMA BHUSHAN

Awarded To Dr. H.S. Dwivedi

From Govt. Madhav Science P.G. College Ujjain M.P.

Organized by: INTERNAL QUALITY ASSURANCE CELL

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'LET US EXPLORE THE WONDERLAND OF ORGANIC CHEMISTRY'

31ST July 2020

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FROM Present to Future
12th AUGUST TO 14th AUGUST

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01st July to 7th July 2020

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ACADEMIC LECTURE

ECONOMICS AND ECOLOGY

8TH JULY 2020

BY

SH. ANIL PRAKASH JOSHI

PADMA BHUSHAN

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From Govt. Madhav Science P.G. College Ujjain M.P.

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Preparing for NAAC: Infra structure and Learning Resources

Criterion 4 of NAAC

22nd & 23rd of June 2020

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SUPPORTED BY: STATE PROJECT DIRECTORATE (MPHEQIP) DEPARTMENT OF HIGHER EDUCATION

GOVT. OF MADHYA PRADESH

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NATIONAL LEVEL LECTURE

On
From gender equity to gender equality
By Padma Vibhushan Dr. Sonal Mansingh
30th July 2020

To *Ms. Komal Chelaramani*
From *Govt. Madhav Science P.G. College Ujjain M.P.*

ORGANIZED BY: अनन्या The Women and Gender Development Cell
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NATIONAL WORKSHOP

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9th & 10th July 2020

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JUNE 16TH 2020

TO

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ORGANIZED BY

INTERNAL QUALITY ASSURANCE CELL

DEPARTMENT OF BIOTECHNOLOGY &

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

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IQAC COORDINATOR

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Dr. Saurav Paul



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“विलक्षण”

Lecture Series

Inaugural Lecture

By

Dr. Sourav Pal

Director IISER Kolkata

24TH OF JUNE 2020

Awarded to *Komal Chelaramani*

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A FLAG SHIP PROGRAM OF THE COLLEGE

ON
INTRODUCTION OF ENERGETICS, ENTROPY AND KINETICS
BY DR.ALOK SHRIVASTAVA HUMBOLDT FELLOW PROF. CHEMISTRY PUNJAB UNIVERSITY CHANDIGARH
14TH July 2020

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ON

"THE JOURNEY OF DRUG FROM CONCEPT TO MARKET"
BY DR. SHIRISH SHERLEKAR

Global head Life Sciences Practice and QA TCS
15TH July 2020

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ACADEMIC LECTURE

ECONOMICS AND ECOLOGY

8TH JULY 2020

BY

SH. ANIL PRAKASH JOSHI

PADMA BHUSHAN

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From Govt. Madhav Science Postgraduate College Ujjain M.P.

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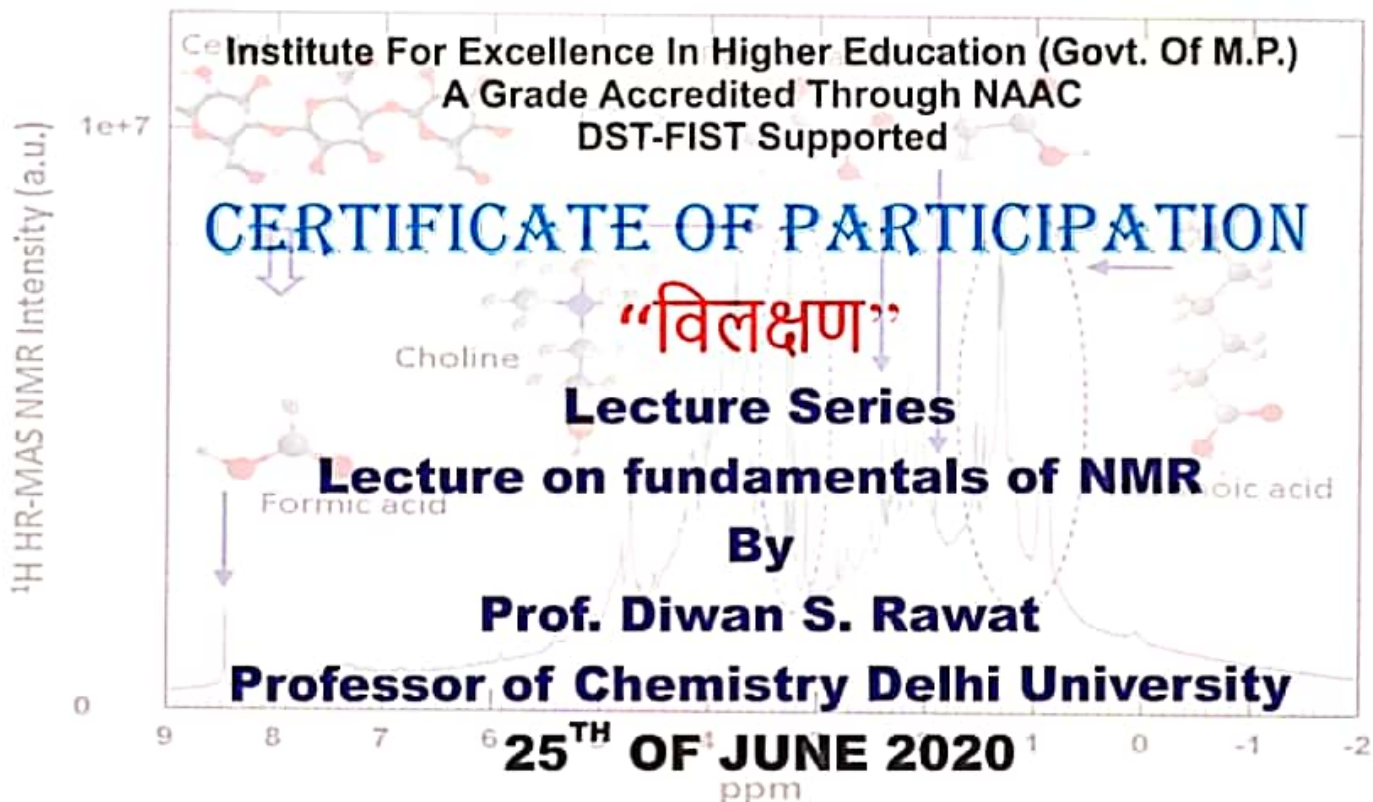
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Coordinator IQAC

Dr. Arpan Bhardwaj
Principal & ~~Chairman~~ **IQAC**

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NATIONAL LEVEL LECTURE SERIES

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'LET US EXPLORE THE WONDERLAND OF ORGANIC CHEMISTRY'

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Dr. Saurav Paul



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Institute For Excellence In Higher Education (Govt. Of M.P.)
A Grade Accredited Through NAAC
DST-FIST Supported

CERTIFICATE OF PARTICIPATION

“विलक्षण”

Lecture Series

Inaugural Lecture

By

Dr. Sourav Pal

Director IISER Kolkata

24TH OF JUNE 2020

Awarded to *Komal Chelaramani*

From *Govt. Madhav Science P.G. College Ujjain M. P.*

Organized By: Internal Quality Assurance Cell

Signature Not Verified
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AJ11@GMAIL.COM,

GOVT. MADHAV SCIENCE P.G. COLLEGE UJJAIN

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NATIONAL LEVEL LECTURE SERIES
CONDUCTED UNDER THE AEGIS OF PURE (PURsult of REsearch Excellence)
A FLAG SHIP PROGRAM OF THE COLLEGE

ON
INTRODUCTION OF ENERGETICS, ENTROPY AND KINETICS
BY DR.ALOK SHRIVASTAVA HUMBOLDT FELLOW PROF. CHEMISTRY PUNJAB UNIVERSITY CHANDIGARH
14TH July 2020

Awarded To *Ms. Komal Chelaramani*
From *Govt. Madhav science P.G. College Ujjain M.P.*

Organized by: INTERNAL QUALITY ASSURANCE CELL
SUPPORTED BY: MPHEQIP SCHEME OF STATE PROJECT DIRECTORATE
DEPARTMENT OF HIGHER EDUCATION GOVT. OF M.P.

&
JANABHAGIDARI SAMITI

Dr. Kalpana Singh
IQAC Coordinator

Dr. Arpan Bhardwaj
Principal & Chairperson IQAC

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NATIONAL LEVEL LECTURE SERIES

CONDUCTED UNDER THE AEGIS OF PURE (PURSUIT OF RESEARCH EXCELLENCE)
A FLAG SHIP PROGRAM OF THE COLLEGE

ON

"THE JOURNEY OF DRUG FROM CONCEPT TO MARKET"
BY DR. SHIRISH SHERLEKAR

Global head Life Sciences Practice and QA TCS
15TH July 2020

Awarded To *Ms. Komal Chelaramani*

From *Govt. Madhav Science P.G. college, Ujjain M.P.*

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DEPARTMENT OF HIGHER EDUCATION GOVT. OF M.P.

&

JANABHAGIDARI SAMITI



Dr. Kalpana Singh
IQAC Coordinator



Dr. Arpan Bhardwaj
Principal & Chairperson IQAC

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ACADEMIC LECTURE

ECONOMICS AND ECOLOGY

8TH JULY 2020

BY

SH. ANIL PRAKASH JOSHI

PADMA BHUSHAN

Awarded To Ms. Komal Chelaramani

From Govt. Madhav Science Postgraduate College Ujjain M.P.

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SUPPORTED BY: MPHEQIP SCHEME OF STATE PROJECT DIRECTORATE

DEPARTMENT OF HIGHER EDUCATION GOVT. OF M.P.

#116924123

&

JANABHAGIDARI SAMITI

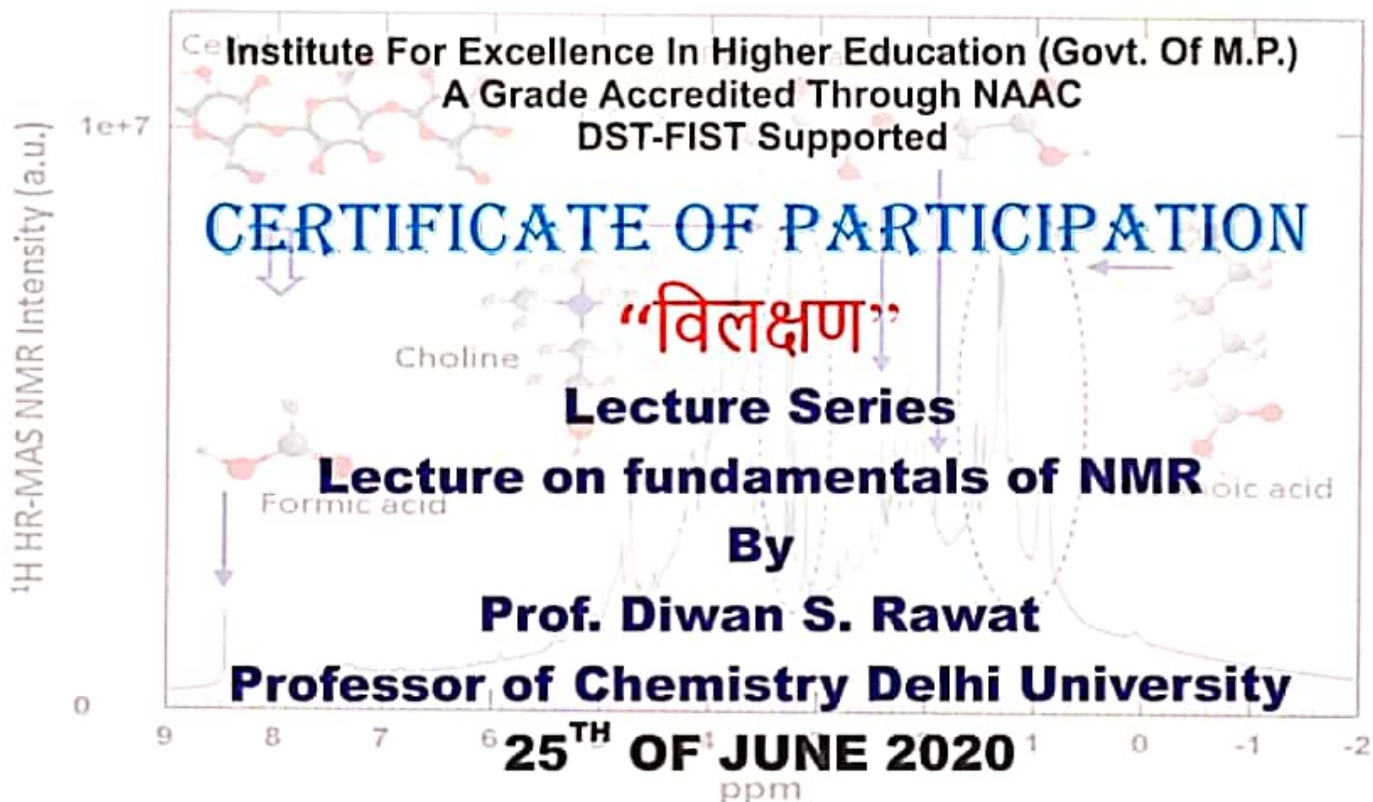
Dr. Kalpana Singh
IQAC Coordinator

Dr. Arpan Bhardwaj
Principal & Chairperson IQAC

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Awarded to *Komal Chelaramani*

From *Govt. Madhav Science P.G. College Ujjain M.P.*

**Organized By: Internal Quality Assurance Cell
P.G. Department Of Chemistry**

Dr. Kalpana Singh
Coordinator IQAC

Dr. Arpan Bhardwaj
Principal & **Chairman IQAC**

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National Webinar on 'Spectroscopy and Solid State Chemistry'

Organized by

School of Studies in Chemistry & Biochemistry, Vikram University, Ujjain, M. P., India

Certificate of Participation

This is to certify that

Surbhi Shukla of Govt. Madhav Science P.G. College Ujjain.

has participated in the National Webinar on 'Spectroscopy and Solid State Chemistry' held on 17th
and 18th July 2020. certificate id-PVRYA4-CE000388

Prof. Uma Sharma
Convener

Prof. Shubha Jain
HOD



Govt. Girls' Post Graduate College, Ujjain

(A Centre for Excellence) "A" Graded by NAAC (Two Cycles)

Internal Quality Assurance Cell (IQAC)



Disaster Management Institute
Bhopal

Department of Chemistry & Pharmaceutical Chemistry

National Webinar on "Chemical Catastrophes: Management & Planning"

CERTIFICATE

Certi.Id. : GKMLT0-CE000133

This is to certify that **Surbhi Shukla**, **Guest Faculty** of

Govt. Madhav Science P.G. College participated in National Webinar on "Chemical Catastrophes : Management & Planning" organized by

Govt. Girls' Post Graduate College, Ujjain in collaboration with

on 27

July, 2020 .

Dr. Anita Manchandia
Convener

Dr. Neeta Tapan
IQAC Coordinator

Signature Not Verified
E-ARPANSHARDWAJ
AJ11@GMAIL.COM,

Dr. Ulka Yadav
Principal



Govt. Girls' Post Graduate College, Ujjain

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Internal Quality Assurance Cell (IQAC)

Chemistry and Pharmaceutical Chemistry Department

in collaboration with

Department of Chemistry (MANIT), Bhopal



“हमारी संस्कृति हमारे संस्कार”

Value Based National eMentoring Series

“संस्कार सेतु”
Certificate

This is to certify that **Surbhi Shukla**, Guest faculty of **Govt. Madhav Science P.G. College** attended the eMentoring Session on “Indian Knowledge Tradition for Modern Youth” organized by Govt. Girls' P.G. College, Ujjain IQAC and Chemistry and Pharmaceutical Chemistry Department in collaboration with Department of Chemistry (MANIT), Bhopal. On 31 July 2020.

Convener

Dr. Savita Dixit
HoD, Chemistry
MANIT, Bhopal

Convener

Dr. Anita Manchandia
HoD, Chemistry & Pharma
GGPGC, Ujjain

Signature Not Verified

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Convener

Dr. Neeta Tapan
IQAC Coordinator
GGPGC, Ujjain

Patron

Dr. Ulka Yadav
Principal
GGPGC, Ujjain

National Webinar on
Green Chemistry and Environmental Sustainability

Organizer



Govt. Girls' P. G. College, Ujjain
Internal Quality Assurance Cell



Department of Chemistry and Pharmaceutical Chemistry

Certificate

Cert. Id. : CV7Q4I-CE000170

This is to certify that Ms.Surbhi Shukla , Guest Faculty of
Govt.Madhav Science P.G.College Ujjain participated in National Webinar on “Green
Chemistry and Environmental Sustainability” organized by Department of Chemistry
and Pharmaceutical Chemistry, Govt. Girls' P. G. College, Ujjain on 10 August, 2020.

Anamanchandia

Dr. Anita Manchandia
Convener

Teetapan

Dr. Neeta Tapan
IQAC Coordinator

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AJ11@GMAIL.COM,

Ujjain

Dr. Ulka Yadav
Principal



Govt. Girls' Post Graduate College, Ujjain

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Internal Quality Assurance Cell (IQAC)

Chemistry and Pharmaceutical Chemistry Department

in collaboration with

Department of Chemistry (MANIT), Bhopal



“हमारी संस्कृति हमारे संस्कार”

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Certificate

This is to certify that **Ms. Surbhi Shukla**, Guest faculty of **Govt. Madhav Science P.G. College Ujjain** attended the eMentoring Session on “Mental Immunity” organized by Govt. Girls' P.G. College, Ujjain IQAC and Chemistry and Pharmaceutical Chemistry Department in collaboration with Department of Chemistry (MANIT), Bhopal. On 11 August 2020.

Convener

Dr. Savita Dixit
HoD, Chemistry
MANIT, Bhopal

Convener

Dr. Anita Manchandia
HoD, Chemistry & Pharma
GGPGC, Ujjain

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Convener

Dr. Neeta Tapan
IQAC Coordinator
GGPGC, Ujjain

Patron

Dr. Ulka Yadav
Principal
GGPGC, Ujjain



Govt. Girls' Post Graduate College, Ujjain

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Internal Quality Assurance Cell (IQAC)

Chemistry and Pharmaceutical Chemistry Department

in collaboration with

Department of Chemistry (MANIT), Bhopal



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“संस्कार सेतु”
Certificate

This is to certify that **Ms.Surbhi Shukla** , Guest faculty of **Govt.Madhav Science P.G.College Ujjain** attended the eMentoring Session on **“Mind and its Healing Capacities”** by **Trisha Kaushik**, Clinical Hypnotherapist, organized by **Govt. Girls' P.G. College, Ujjain IQAC** and **Chemistry and Pharmaceutical Chemistry Department** in collaboration with **Department of Chemistry (MANIT), Bhopal** on **25 August 2020**.

Convener

Dr. Savita Dixit
HoD, Chemistry
MANIT, Bhopal

Convener

Dr. Anita Manchandia
HoD, Chemistry &Pharma
GGPGC, Ujjain

Signature Not Verified

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Convener

Dr. Neeta Tapan
IQAC Coordinator
GGPGC, Ujjain

Patron

Dr. Ulka Yadav
Principal
GGPGC, Ujjain

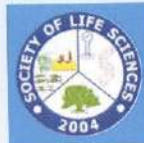


Govt. Holkar (Model, Autonomous) Science College, Indore (M.P.)

In Association with



The National Academy of Sciences, India (Bhopal Chapter)



The Society of Life Sciences, Satna (M.P.)



Zoological Society of India, Gaya (Central Zonal Chapter)



Research Promoting and Communication Society, Indore

International Conference on Recent Advances in Life Sciences for Betterment of Environment and Human Health (ICRALBEH-2019) & 8th Annual Session of Society of Life Sciences December 14-15, 2019

Certificate

This is to certify that Pinki Dwivedi, Madhav Science College Ujjain has actively participated in the conference and presented an invited talk/a Research paper (Oral/Poster) and **Chaired a session / Co-chaired a session / acted as an Rapporteur.**

The organizing committee appreciates his/her commitment to the Betterment of Environment and Human Health.

(Dr. M. M. Prakash)
Convener & HOD Zoology

(Dr. Suresh T Silawat)
Principal and Chairman

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Govt. Girls' P.G. College, Ujjain

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National Seminar on Science and Technology for Sustainable Development



NSSTSD-2020

19th & 20th, February 2020

It is certified that Shri/Smt. /Ku. /Dr. *Pinky... Dwivedi*..... of *Govt. Madhav Science College, Ujjain*...has attended the **National Seminar on "Science and Technology for Sustainable Development"** organized by Zoology & Biotechnology Department and Science Committee in collaboration with ASEA (Action for Sustainable, Efficacious Development and Awareness); sponsored by Janbhagidari Samiti, held on 19th & 20th February 2020 and contributed as a Resource Person / Chairperson/ Judge/ Participant. *"Biological Treatment of waste water of Khann River"*

• She participated in the Working Modal/ Static Modal/Chart / Poster competition / Young Scientist Awardee and achieved position.

College wishes him/her bright future.

Leena
Dr. LEENA LAKHANI

Convener

Ulka
Dr. ULKA YADAV

Principal

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INTERNATIONAL WEBINAR
on
Material Science (IWMS-2020)

Organized by

ASSOCIATION OF CHEMISTRY TEACHERS (ACT)

C/o. Homi Bhabha Centre for Science Education (TIFR) Mumbai

In Collaboration with

Department of Chemistry, Madhav Science Post Graduate College, UJJAIN, India

and

Department of Chemistry, Kamla Nehru Mahavidyalaya, NAGPUR, India

Certificate of Participation

This is to certify that **Mr. Prathiash Roy**
of **Guru Nanak Khalsa College**

has participated in International Webinar on Material Science (IWMS-2020) on 9th June 2020 organized by Association of Chemistry Teachers (ACT), in collaboration with **Department of Chemistry, Madhav Science Post Graduate College, UJJAIN, India** and **Department of Chemistry, Kamla Nehru Mahavidyalaya, NAGPUR, India.**

Prof. D. V. Prabhu
General Secretary, ACT

Prof. Brijesh Pare
President, ACT

Dr. W. B. Gurnule
Convener, IWMS-2020



INTERNATIONAL WEBINAR
on
Material Science (IWMS-2020)

Organized by

ASSOCIATION OF CHEMISTRY TEACHERS (ACT)

C/o. Homi Bhabha Centre for Science Education (TIFR) Mumbai

In Collaboration with

Department of Chemistry, Madhav Science Post Graduate College, UJJAIN, India

and

Department of Chemistry, Kamla Nehru Mahavidyalaya, NAGPUR, India

Certificate of Participation

This is to certify that **Mrs. Pratibha Namdeo**
of **Govt. Madhav Science P G College Ujjain**

has participated in International Webinar on Material Science (IWMS-2020) on 9th June 2020 organized by Association of Chemistry Teachers (ACT), in collaboration with **Department of Chemistry, Madhav Science Post Graduate College, UJJAIN, India** and **Department of Chemistry, Kamla Nehru Mahavidyalaya, NAGPUR, India.**

Prof. D. V. Prabhu
General Secretary, ACT

Prof. Brijesh Pare
President, ACT

Dr. W. B. Gurnule
Convener, IWMS-2020



INTERNATIONAL WEBINAR
on
Material Science (IWMS-2020)

Organized by

ASSOCIATION OF CHEMISTRY TEACHERS (ACT)

C/o. Homi Bhabha Centre for Science Education (TIFR) Mumbai

In Collaboration with

Department of Chemistry, Madhav Science Post Graduate College, UJJAIN, India

and

Department of Chemistry, Kamla Nehru Mahavidyalaya, NAGPUR, India

Certificate of Participation

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ASSOCIATION OF CHEMISTRY TEACHERS

C/o Homi Bhabha Centre for Science Education (HBCSE), TIFR
V N Purav Marg, Mankhurd, Mumbai-400 088

National Webinar on Scintillating Chemistry

(An Initiative of ACT-East Zone)

CERTIFICATE

Mr/Ms/Dr **Pratibha Namdeo** of
Govt. Madhav Science PG College.....has participated
Ujjain
in National Webinar on *Scintillating Chemistry (SC-2020)*
organized online on June 28, 2020 during 5.00PM to 8.00PM.

Dr A K Mitra
EC Member-East Zone
Coordinator

Dr S P Singh
Secretary-East Zone
Chief Coordinator

Dr P M Mishra
Vice-President
East Zone

Dr D V Prabhu
General Secretary

Dr Brijesh Pare
President



Note : Help our students become human. Our efforts must never produce learned monsters, skilled psychopaths, and educated illiterates. Reading, writing, arithmetic is important only if they serve to make our children more human.



CERTIFICATE

of participation



This is to certify that

Prof. Shakuntala Pandey

has presented a poster/ participated in the
INTERNATIONAL CONFERENCE ON

"EMERGING TRENDS IN CHEMISTRY"

July 12-15, 2019

Indian Institute of Technology Indore

A handwritten signature in blue ink, appearing to read 'Arpan Bhardwaj', written over a horizontal line.

Organizing committee

Signature Not Verified
ARPAN BHARDWAJ
E=ARPANBHARDW
AJ11@GMAIL.COM,



GOVT. MADHAV SCIENCE P.G. COLLEGE UJJAIN

DST-FIST College
A Grade accredited by NAAC

CERTIFICATE OF PARTICIPATION

NATIONAL SEMINAR ON "NEHRU"

A VISIONARY'S CONTRIBUTION TO EDUCATION & INCULCATION OF
SCIENTIFIC TEMPERAMENT AMONG YOUTH IN INDIA

14th & 15th NOVEMBER 2019

Certified that Dr./ Mr./Mrs./Km. Shakuntala Pandey of Govt. Madhav Science P.G. College Ujjain.
Participated/ presented poster titled _____

in the National Seminar supported by IQAC and sponsored by Janabhagidari Samiti.

Dr. Kalpana Singh
Coordinator

Dr. Brijesh Pare
Head Department of Chemistry

Dr. Arpan Bhardwaj
Principal



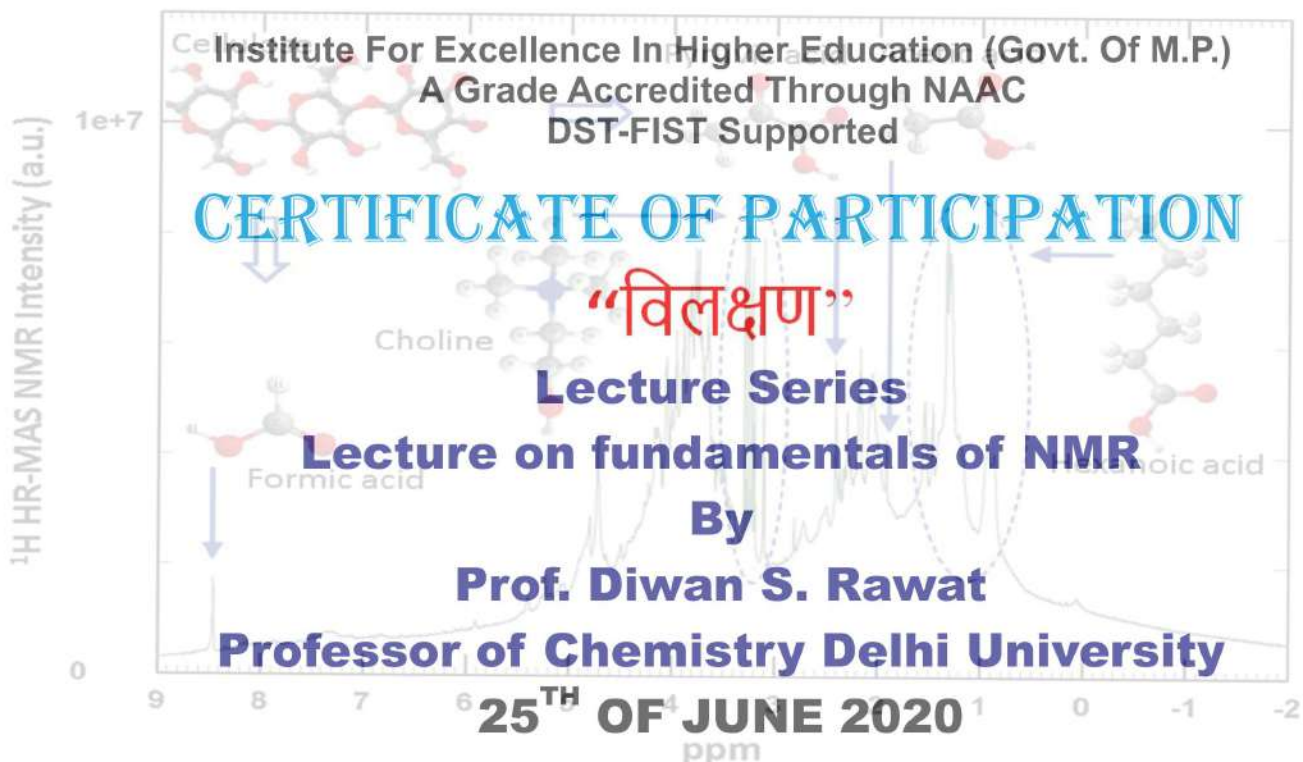
VISION
OF THE COLLEGE

To be a value-driven Institute providing quality education in science
which thrives for producing scholars with concern and care for environment
and society that will best serve the nation in the 21st Century.

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GOVT. MADHAV SCIENCE P.G. COLLEGE UJJAIN



Awarded to *Dr. Jeeven Singh Solanki*

From *Govt. Madhav Science P.G. College Ujjain M.P.*

**Organized By: Internal Quality Assurance Cell
P.G. Department Of Chemistry**

Dr. Kalpana Singh
Coordinator IQAC

Dr. Arpan Bhardwaj
Principal & Chairperson IQAC

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26 अगस्त - 1 सितम्बर 2019



NATIONAL CONFERENCE

on

Emerging Interfaces of Physical Sciences and Technology



EIPT 2019

Certificate

This is to certify that Mr./Ms./Dr. Pramod Malviya

of Govt. Madhav Science College has participated/presented

(oral/poster) paper/Delivered Invited Talk/Chairperson in two days National

Conference on **“Emerging Interfaces of Physical Sciences and Technology” EIPT -**

2019 at School of Studies in Physics, Vikram University, Ujjain on 29-30 August 2019


Convener

Dr. Swati Dubey


Co-Convener

Dr. Nishchal Yadav


Co-Convener

Dr. Ganpat Ahirwar


Chairman

Prof. S.K. Ghosh

Sponsored by - **Vikram University, Ujjain and CSIR, New Delhi**

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NATIONAL SEMINAR ON "NEHRU"

A VISIONARY'S CONTRIBUTION TO EDUCATION & INCULCATION OF
SCIENTIFIC TEMPERAMENT AMONG YOUTH IN INDIA

14th & 15th NOVEMBER 2019

Certified that Dr./ Mr./Mrs./Km. Seema Trivedi of Govt. Madhav science
P.G. College Ujjain.

Participated/ presented poster titled

in the National Seminar supported by IQAC and sponsored by Janabhagidari Samiti.

Dr. Kalpana Singh
Coordinator

Dr. Brijesh Pare
Head Department of Chemistry

Dr. Arpan Bhardwaj
Principal



VISION
OF THE COLLEGE

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and society that will best serve the nation in the 21st Century.

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National Seminar on Science and Technology for Sustainable Development



NSSTSD-2020

19th & 20th, February 2020

It is certified that Shri/Smt. /Ku. /Dr. *Seema Trivedi* of *Govt. Madhav Science College, Ujjain* has attended the **National Seminar on "Science and Technology for Sustainable Development"** organized by Zoology & Biotechnology Department and Science Committee in collaboration with ASEA (Action for Sustainable, Efficacious Development and Awareness); sponsored by Janbhagidari Samiti, held on 19th & 20th February 2020 and contributed as a Resource Person / Chairperson / Judge / Participant.

She participated in the Working Modal / Static Modal / Chart / Poster competition / Young Scientist Awardee and achieved position.

College wishes him/her bright future.

Leena
Dr. LEENA LAKHANI
Convener

Ulka
Dr. ULKA YADAV
Principal

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**R. S. GOVERNMENT P. G. GIRLS
COLLEGE CHHINDWARA (M. P.)
(ACCREDITED BY NAAC "B++" Dt. 23/01/2017)**



-:CERTIFICATE:-

*This is to certify that Prof. | Dr./Mr./Ms.
DR. PROFESSOR SEEMA TRIVEDI
Has participated in one day National Webinar on
"Biodiversity Conservation and Sustainable Development" held on 22nd
May 2020, organised by Zoology Department and Eco Club,
R. S. Govt. P. G. Girls college Chhindwara Madhya Pradesh.*

Dr. Neelima Bagde
Coordinator

Dr Kamna Verma
Patron & Principal

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CERTIFICATE

Govt. Girls' P.G. College, Ujjain

A Centre for Excellence – "A" Graded from NAAC



NATIONAL WORKSHOP AND TRAINING PROGRAMME on RECENT TRENDS IN MOLECULAR BIOLOGY



16th -18th February 2020

It is certified that Shri/Smt. /Ku. /Dr. *Seema Trivedi*.....
of *Govt. Madhav Science College, Ujjain*..... has attended the **National Workshop and Training Programme** on "Recent Trends in Molecular Biology" organized by **Biotechnology Department** in collaboration with PG TECH Pvt. Ltd. and Research Institute and sponsored by Janbhagidari Samiti, held during 16th - 18th February 2020 and contributed as a Resource Person / Trainer / Participant.

College wishes him/hér bright future.

Dr. LEENA LAKHANI

Convener

C.Y. Yadav
Dr. ULKA YADAV

Principal

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**National Seminar on
Science and Technology for
Sustainable Development**



NSSTSD-2020

19th & 20th, February 2020

It is certified that Shri/Smt. /Ku. /Dr. Shobha Sacha of Govt. Madhav Science College, Ujjain has attended the **National Seminar on "Science and Technology for Sustainable Development"** organized by Zoology & Biotechnology Department and Science Committee in collaboration with ASEA (Action for Sustainable, Efficacious Development and Awareness); sponsored by Janbhagidari Samiti, held on 19th & 20th February 2020 and contributed as a Resource Person / Chairperson / Judge / Participant.

She participated in the Working Modal / Static Modal / Chart / Poster competition / Young Scientist Awardee and achieved position.

College wishes him/her bright future.

Leena
Dr. LEENA LAKHANI
Convener

Ulka
Dr. ULKA YADAV
Principal

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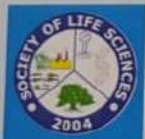


Govt. Holkar (Model, Autonomous) Science College, Indore (M.P.)

In Association with



The National Academy of Sciences,
India (Bhopal Chapter)



The Society of Life Sciences,
Satna (M.P.)



Zoological Society of India, Gaya
(Central Zonal Chapter)



Research Promoting and
Communication Society, Indore

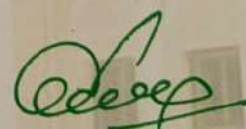
International Conference on Recent Advances in Life Sciences
for Betterment of Environment and Human Health
(ICRALBEH-2019) &
8th Annual Session of Society of Life Sciences
December 14-15, 2019

Certificate

This is to certify that Dr. Shobha Shouche
has actively participated in the conference and presented an invited talk/a
Research paper (Oral/Poster) In silico study of compound II
and Chaired a session / Co-chaired a session / acted as an Rapporteur.

The organizing committee appreciates his/her commitment to the Betterment
of Environment and Human Health.

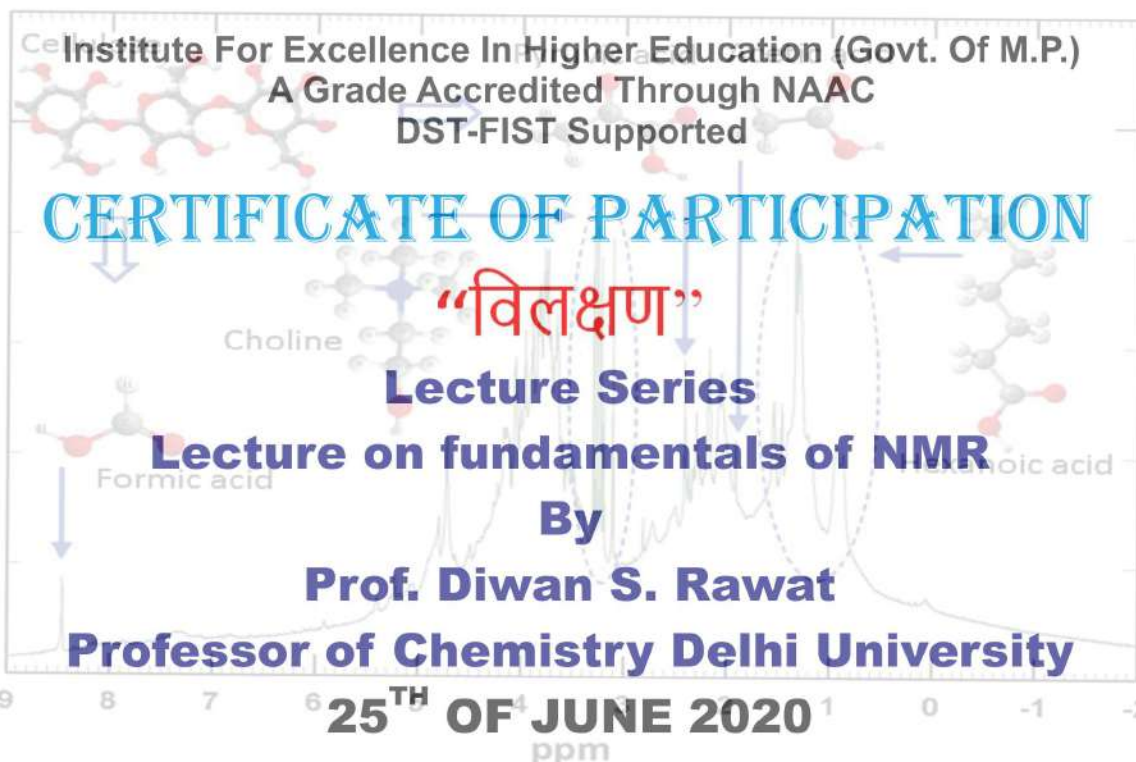

(Dr. M. M. Prakash)
Convener & HOD Zoology


(Dr. Suresh T. Silawat)
Principal and Chairman

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GOVT. MADHAV SCIENCE P.G. COLLEGE UJJAIN



Awarded to *Ms. Shweta Verma*

From *Govt. Madhav Science P.G. Colleg Ujjain M.P.*

**Organized By: Internal Quality Assurance Cell
P.G. Department Of Chemistry**

Dr. Kalpana Singh
Coordinator IQAC

Dr. Arpan Bhardwaj
Principal & Chairperson IQAC

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CERTIFICATE

Govt. Girls' P.G. College, Ujjain

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NATIONAL WORKSHOP AND TRAINING PROGRAMME ON RECENT TRENDS IN MOLECULAR BIOLOGY



16th -18th February 2020

It is certified that Shri/Smt. /Ku. /Dr. *Shweta Verma*.....
of ...*Govt. Madhav Science College, Ujjain*... has attended the **National Workshop
and Training Programme on "Recent Trends in Molecular Biology"** organized by
Biotechnology Department in collaboration with PG TECH Pvt. Ltd. and Research Institute
and sponsored by Janbhagidari Samiti, held during 16th- 18th February 2020 and contributed
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
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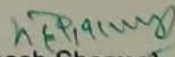
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He/She Presented a Paper (Oral / Poster) and acted as —*—
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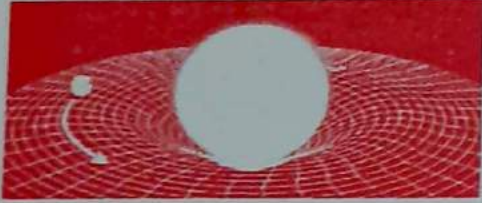

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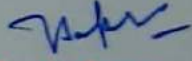


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Dilip Soni, Giriraj Sharma' , Ajay Saxena, and Akhilesh Jadhav

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Green Roof Technology: A strategy for sustainable development

Dr. Dilip Soni, Dr. Indresh Mangal and Dr. Ajay Saxena
Govt. Madhav Science College, Ujjain (M.P.)

Abstract

Rapid development in cities has resulted in shortage of available space for trees and plants. The construction of green roofs on the houses in the cities can help in decreasing harmful effects of lack of vegetation in cities. It may also help in mitigating air pollution, improving management of run-off water, improving public health and enhancing the aesthetic value of the urban environment. It can also help in better regulation of building temperatures, reduced urban heat-island effects, and increased urban wildlife habitat. In this paper the potential of developing green roofs in Ujjain has been discussed.

Key words: Green roof, vegetation, urban heat islands, wildlife.

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