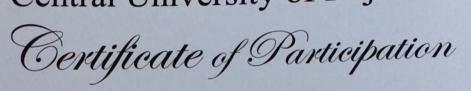


Central University of Rajasthan





This certificate is presented to Dr. Jyatsura Pathak (Amistant Prefusar)

Delhi Callege of Arts of Commune, University of Delhi. for the

participation in the "Ten Days Online Faculty Development Program on Teaching Learning and Assessment" conducted during 23rd November - 3rd December, 2020 organized by Teaching Learning Centre, Central University of Rajasthan (TLC@CURaj) under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.

Dr. Ajit K Patra
Director, TLC@CURaj

Prof. Neeraj Gupta
Vice Chancellor(i/c), CURaj



Webinar International



on

English Literature from the Margins of Class, Caste, Race and Gender

26-27 August 2020 Hosted Jointly by

Rishi Bankim Chandra Evening College & Rishi Bankim Chandra College
P.O.: Najhati, North 24 Parganas, West Bengal, India, 743165.

This is to certify that

Dr Jyotsna Pathak

Delhi College of Arts & Commerce, University of Delhi

has participated in the Webinar International on English Literature from the Margins of Class, Caste, Race and Gender, jointly hosted by

Rishi Bankim Chandra Evening College & Rishi Bankim Chandra College

On 26-27 August 2020

Seaha

Dr Sanjib Saha Principal Rishi Bankim Chandra College, Naihati Dr Debashish Sengupta Associate Professor, Head, Dept. of English (UG & PG), Rishi Bankim Chandra

College

Dr Shubh Brat Sarkar Associate Professor Dept. of English (UG & PG)

Rishi Bankim Chandra College C. AShikari

Sri Chandranath Adhikari Associate Professor, Head, Dept. of English, Rishi Bankim Chandra Evening College Dr. Dobraich Bhaumiak

Dr Debasish <u>Bhowmick</u> Principal Rishi Bankim Chandra Evening College, <u>Naihati</u>

Date 27 August 2020

YouTube Link

26 August 2020 https://youtu.be/sszR3 psifQ

27 August 2020 https://youtu.be/ZXg5ah851cQ



CERTIFICATE OF PARTICIPATION

DR. JYOTSNA PATHAK

has been awarded this Certificate for participating in the 6th JGU International Literary Conference (Online) on "Theory-Literature Interface" organized by the English Literary Society, O.P. Jindal Global University on July 24-26, 2020. He/she also presented a paper on

CRT and Native Son: Bigger as prototype

Prof. Jagdish Batra

Conference Convener

Prof. Dabiru Sridhar Patnaik

Registrar, JGU



Teaching Learning Centre, Ramanujan College University of Delhi

under the aegis of
MINISTRY OF EDUCATION
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

Mr. Jeremiah Pame

of

Department of English. Delhi College of Arts and Commerce. University of Delhi. Delhi successfully completed a 4-Week Induction/Orientation Programme for

"Faculty in Universities/Colleges/Institutes of Higher Education"

from *21 August – 19 September, 2021* and obtained Grade <u>A+</u>.





Blockchain Hash: 0xfebfc5a690f1d07a0dcd1641242fdee14a3e68b1f1cdc8c57282d061b89e9ef3

DpA gramal

Prof. S. P. Aggarwal (Principal & Director) TLC, Ramanujan College

Dr. Nikhil Kr. Rajput (Programme Director) Ramanujan College



MODERNİZM VE POSTMODERNİZM ÇALIŞMALARI KONFERANSI 2020



MODERNISM AND POSTMODERNISM STUDIES CONFERENCE 2020

KATILIM BELGESİ CERTIFICATE OF PARTICIPATION

JYOTSNA PATHAK Kocaeli Üniversitesi, Batı Dilleri ve Edebiyatları Bölümü ve Modernizm ve Postmodernizm Çalışmaları Ağı tarafından 23-24 Temmuz 2020 tarihleri arasında düzenlenen

Modernizm ve Postmodernizm Çalışmaları Konferansı 2020'ye bildiri sunarak katılmıştır.

This is to certify that **JYOTSNA PATHAK** presented a paper at the **Modernism and Postmodernism Studies Conference 2020**held on July 23-24, 2020 by Kocaeli University, Department of Western Languages and Literatures and Modernism and Postmodernism Studies Network in Turkey.

Dr. Öğr. Üyesi / Assist. Prof. Dr. Murat KADİROĞLU

Düzenleme Kurulu Başkanı

Head of the Organising Committee



Guru Angad Dev Teaching Learning Centre A Centre of MHRD under PMMMNMTT



सत्यमेव जयते Government of India Ministry of Human Resource Development



S.G.T.B. Khalsa College, University of Delhi



ONE WEEK FACULTY DEVELOPMENT PROGRAM
12-20 September 2020

Development of Teacher's e-kit and MOOCs in Four Quadrant Format of e-Content

This is to certify that

NEELAM YADAV, DELHI COLLEGE OF ARTS & COMMERCE, UNIVERSITY OF DELHI

has **successfully completed One Week National Faculty Development Program** organized by Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD. This was conducted in online mode with one week's involvement spread across one month in a flexible mode. This online FDP is equivalent to one week face to face FDP. The one week's involvement included attendance during live/recorded sessions, hands on activities, submission of quizzes, assignments and project. The participant has obtained GRADE "A+" as required for promotion under CAS of UGC and AICTE.

Dr Jaswinder Singh Principal

S.G.T.B. Khalsa College, University of Delhi

Drymal Rarh
National Coordinator
GAD TLC of MHRD



CERTIFICATE OF PARTICIPATION

NEELAM YADAV

has been awarded this Certificate for participating in the 6th JGU International Literary Conference (Online) on "Theory-Literature Interface" organized by the English Literary Society, O.P. Jindal Global University on July 24-26, 2020. He/she also presented a paper on

Enigma of Home and Exile: Nirmal Verma's "The Burning Bough" -An Existential Approach

Prof. Jagdish Batra

Conference Convener

Prof. Dabiru Sridhar Patnaik

Registrar, JGU







ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training And Learning (ATAL) Academy

Certificate

This is certified that Neelam Yadav, Assistant Professor of DELHI COLLEGE OF ARTS & COMMERCE, UNIVERSITY OF DELHI participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "ROAD - Response Effectiveness, Organising Self, Attitudinal Shift, Decision Making" from 2020-9-7 to 2020-9-11 at University College of Engineering, Osmania University.



Director ATAL Academies





Coordinator



Government of Maharashtra



Government Vidarbha Institute of Science & Humanities

Amravati, Maharashtra - 444 604 India NAAC re-accredited 'A' Grade (II Cycle) with 3.32 CGPA



International E-Conference Certificate of Participation

Certificate ID: 5112020-115721-AM Certificate No: 7891

Total No of Participants in the International E-Conference are 10,582

This certificate is presented to Miss./Mrs./Ms. Neha Jingala from Delhi College of Arts & Commerce, Delhi, Delhi Affiliated to Delhi University for attending International E-Conference on "Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with reference to the World" organized by Government Vidarbha Institute of Science & Humanities, Amravati, India on 15th - 17th May, 2020.

Dr Yasmeen Sultana Siddiqui Organizing Coordinator

Dr S N Malode

IQAC Coordinator

Prof Dr S P Yawale

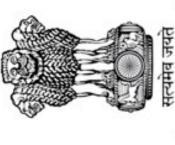
Organizing Secretary

C D C

Prof Dr Vasant B H Reddy Director & Convenor



Guru Angad Dev Teaching Learning Centre A Centre of MHRD under PMMMNMTT S. No.: GAD-TLC/2020/WB2/201



Government of India
Ministry of Human Resource
Development

orfificate



Sri Guru Tegh Bahadur Khalsa College University of Delhi

This is to certify that

Neha Jingala, Delhi College Of Arts And Commerce, Delhi University

has participated in the Faculty Development Programme: National Webinar entitled "ICT Enabled Higher Education in India: Challenges and Opportunities" organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD held on April 13, 2020. (This is equivalent to a regular National Seminar).

-sd- **Dr Vimal Rarh** Project Head & Joint Director



INTERNAL QUALITY ASSURANCE CELL

ADITI MAHAVIDYALAYA

(University of Delhi)

E-International Conference on



भारतीय साहित्य में सामाजिक समरसता और भीमराव अम्बेडकर जी की कॉमन सिविल कोड बिल की अवधारणा

Certificate of Participation

This is to certify that Ms/Dr Neha Jingala of Delhi College of Arts and Commerce has participated in an E-International Conference organized by Internal Quality Assurance Cell (IQAC) on April 14, 2020.

Dr. Neelam Rathi (Convenor, IQAC)

Dr. Mamta Sharma (Principal)

*This Certificate is an electronically generated and requires no signatures.



ATAL BIHARI VAJPAYEE UNIVERSITY BILASPUR (C.G.)



CERTIFICATE

This is to certify that NEHA JINGALA of DELHI COLLEGE OF ARTS AND COMMERCE has participated in one week online Faculty Development Programme (FDP) on "Moodle Learning Management System" organized by Atal Bihari Vajpayee University, Bilaspur in association with IIT, Bombay Spoken Tutorial (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India) from 12 May, 2020 to 17 May, 2020.



Jeetendra Kumar Coordinator

Prof. Sudhir Sharma Registrar G. D. Share

Prof. G. D. Sharma Vice Chancellor



Maharaja Agrasen Institute of Management Studies

Established by Maharaja Agrasen Technical Education Society and Affiliated to Guru Gobind Singh Indraprastha University, Delhi Recognized under section 2(f) of UGC and Bar Council of India; ISO 9001:2015 Certified Institution Campus: Maharaja Agrasen Chowk, Sector-22, Rohini, New Delhi-110086, India www.maims.ac.in Courses offered: BBA, B.Com (H), BA (Eco) (H), BA (JMC) & BALLB

Dr. Nand Kishore Garg

Founder & Chief Advisor, Maharaja Agrasen Technical Education Society (MATES) New Delhi & Chancellor, Maharaja Agrasen University, Baddi, HP, India

Sh. Vineet Kr. Gupta

Sh. S. P. Aggarwal, IAS

Prof. M. L. Goyal

Er. T. R. Garg

Sh. Rajnish Gupta

Chairman, MATES

Executive Chairman, MATES

Vice-Chairman (Academics), MATES

General Secretary, MATES

Secretary, MATES

Prof. S. K. Garg

Prof. G. P. Govil

Prof. Ravi Kumar Gupta

Director General, MAIMS

Advisor, MATES

Director, MAIMS

Ref. No.: maims_ewp1_764

Under the Aegis of IQAC

e-Workshop

On

How to Make Research Better & Matter too

Certificate of Participation

This is to certify that Ms. Neha Jingala of Delhi College of Arts and Commerce has participated in an e-workshop. The e-workshop was conducted by Dr. Parul Kumar, Assistant Professor, MAIMS, through YouTube Live https://youtu.be/bR2IXOrXgGI on Monday, May 18, 2020.

Lokesh

Dr. Lokesh Jindal

Associate Prof. & Workshop Coordinator

Hehrang

Prof. Vijay Kr. Khurana Secretary, IQAC & Workshop Convener Nous !

Prof. Ravi Kumar GuptaDirector, MAIMS & Workshop Chair



Mahatma Hansraj Faculty Development Centre



A Centre of MoE, Govt. of India
Under Pandit Madan Mohan Malaviya National
Mission on Teachers and Teaching
(PMMMNMTT)

Certificate

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

<u>Neha</u>

from

Delhi College of Arts and Commerce, University of Delhi

has successfully completed

One week (Online) Interdisciplinary Faculty Development Programme on

"Basics of Research"

(18th June – 24th June, 2021)

organised by

Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi in collaboration with

PARAMARSH, UGC SCHEME

Dr. Jyoti Bhola Coordinator, MHRFDC

عامهم

Prof. Rama Chairperson, MHRFDC



दिल्ली कॉलेज ऑफ आर्ट्स एण्ड कॉमर्स

दिल्ली विश्वविद्यालय

zai

महाकवि जयशंकर प्रसाद फाउण्डेशन

के संयुक्त तत्वावधान में आयोजित 'सृजनात्मक लेखन' विषय पर पांच दिवसीय ई-कार्यशाला (दिनांक १४-१८ सिंतबर २०२१)

प्रमाण-पत्र

प्रमाणित	किया जा	ता है कि	प्रो./डॉ	./श्री/सु	श्री/श्रीमती
	Neh	al Ahma	ad		

ने दिनांक 14-18 सितंबर 2021 को 'सृजनात्मक लेखन' विषय पर आयोजित पांच दिवसीय ई-कार्यशाला में प्रतिभागी के रूप में उपस्थित रहकर सक्रिय योगदान दिया, जिसके सम्मानार्थ यह प्रमाण-पत्र

प्रदान किया जाता है।

Bay Sill

डॉ. के एल ढींगरा (संयोजक एवं प्रभारी) Sithant Pandey

श्री श्रीकांत पांडेय (संयोजक, आईक्यूएसी) प्रो. राजीव चोपड़ा

(प्राचार्य, डीसीएसी)



DEPARTMENT OF MODERN INDIAN LANGUAGES AND LITERARY STUDIES UNIVERSITY OF DELHI, DELHI -110 007

THREE-DAY NATIONAL WEBINAR ON

MULTIDISCIPLINARY APPROACHES TO FOLKLIFE: CHALLENGES AND PERSPECTIVES PART-III



We are pleased to certify that Prof./Dr./Mr./Ms. Dr. Rittvika Singh
has participated in the Three-Day National webinar on MULTIDISCIPLINARY APPROACHES TO FOLKLIFE:
CHALLENGES AND PERSPECTIVES, PART-III held on 19th, 20th & 21st November, 2020 in the Department of
Modern Indian Languages and Literary Studies, University of Delhi, Delhi – 110 007.
He/She presented a paper titled: From Folk to Popular Culture: the Head and Tale of Nautanki
\mathcal{D}_{i}

Prof. Prakash C. Pattanaik Head of the Department



Mahatma Hansraj Faculty Development Centre



A Centre of MoE, Govt. of India
Under Pandit Madan Mohan Malaviya National
Mission on Teachers and Teaching
(PMMMNMTT)

Certificate

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

<u>Sanjeeb Kumar</u>

from

Delhi College of Arts & Commerce, University of Delhi

has successfully completed

One week (Online) Interdisciplinary Faculty Development Programme on

"Intellectual Property Rights"

(10th February - 17th February, 2021)

organised by

IQAC, Hansraj College, University of Delhi

in collaboration with

Mahatma Hansraj Faculty Development Centre

Hansraj College, University of Delhi

Dr. Jyoti Bhola Coordinator, MHRFDC

ahola

Prof. Rama Chairperson, MHRFDC



Teaching Learning Centre, Ramanujan College University of Delhi

under the aegis of
MINISTRY OF EDUCATION
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

DR. T. GOPAL KRISHNA YADAB

of

DELHI COLLEGE OF ARTS & COMMERCE/ UNIVERSITY OF DELHI

has successfully completed Online one week Faculty Development Programme

or

"Psychological Skills for Effective Teaching and Learning"

from 01 - 07 June, 2021 and obtained Grade A±.



Blockchain Hash: 0xc5b3ec5d63fe8dfa02de8e2cde60f8129b186275a01da006c54f256ebb7ab347

Prof. S. P. Aggarwal (Principal & Director)

TLC, Ramanujan College

Ms. Shipra Yadav (Convener) Ramanujan College



Teaching Learning Centre, Ramanujan College University of Delhi



under the aegis of
MINISTRY OF EDUCATION
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING

This is to certify that

DR. T. GOPAL KRISHNA YADAB

of

Department of Political Science, Delhi College of Arts & Commerce, University of Delhi

has successfully completed Online Two Week Interdisciplinary Refresher Course

OF

"FEMINIST TEACHING & RESEARCH IN HIGHER EDUCATION: THEORY AND PRACTICE"

from 23 July - 06 August, 2021 and obtained Grade A.



Blockchain Hash: 0x8r7287trica84e4e735054223x316733x5955384xcex778ex4749987edb30cd7

gamel

Prof. S. P. Aggarwal (Principal & Director) TLC, Ramanujan College

Dr. Zairu Nisha (Convenor) Ramanujan College almester.

Dr. Madhu Kaushik (Course Coordinator) Ramanujan College



Delhi College of Arts & Commerce (University of Delhi)



Certificate of Participation

This is to certify that Dr./Mr./Ms. Lalita Kumari attended / participated in the Webinar entitled "The Way to Total Well-Being" held on 5th May 2020 hosted by Internal Quality Assurance Cell Delhi college of Arts & Commerce in association with Bajaj Capital Limited.

Sikano Pandy

Mr. Srikant Pandey Coordinator, IQAC

Dr. Rajiv Chopra
OSD-Principal



Delhi College of Arts & Commerce (University of Delhi)



Certificate of Participation

This is to certify that Dr./Mr./Ms. LALITA KUMARI attended / participated in the Webinar entitled "Webinar: Creative Utilization of Lockdown Time" held on 12^{th} May 2020 hosted by Internal Quality Assurance Cell Delhi college of Arts & Commerce in association with Indohaan Technologies.

Sikano Pandy

Mr. Srikant Pandey Coordinator, IQAC

Dr. Rajiv Chopra
OSD-Principal

IQAC



P.G.D.A.V. COLLEGE UNIVERSITY OF DELHI



CERTIFICATE OF PARTICIPATION

This is to certify that

Lalita Kumari

of _____ Delhi College of Arts & Commerce

has successfully completed Webinar Series (Professional) on "Transforming Teaching-Learning Process using ICT Tools" organized by PGDAV College, University of Delhi, from 28th to 30th August, 2020.

sd- sd- sd-

Dr. Shuchi Pahuja Mr. K.K. Srivastava Dr. Mukesh Aggarwal
CONVENER DIRECTOR PATRON AND PRINCIPAL



Chair on Consumer Law and Practice

National Law School of India University, Bangalore, Karnataka Ministry of Consumer Affairs, Food & Public Distribution, Government of India



NATIONAL WEBINAR SERIES ON, THE CONSUMER PROTECTION ACT 2019, RULE & REGULATIONS

CERTIFICATE OF PARTICIPATION

This is to certify that LALITA KUMARI of Delhi College of Arts and Commerce, New Delhi participated in National Webinar Series on The Consumer Protection Act 2019, Rule & Regulations organised by Chair on Consumer Law and Practice, National Law School of India University, Bangalore from 21st August 2020 to 26th August, 2020.

DATE: 26th AUGUST, 2020

Prof.(Dr.) Ashok R Patil Chair Professor,

Chair on Consumer Law and Practice, National Law School of India University, Bangalore







Mahatma Hansraj Faculty Development Centre

A Centre of MoE, Govt. of India
Under Pandit Madan Mohan Malaviya National
Mission on Teachers and Teaching
(PMMMNMTT)

Certificate

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

Lalita Kumari

from

Delhi College of Arts And Commerce, University of Delhi

has successfully completed

Two week (Online) Interdisciplinary Faculty Development Programme on

"From Research to Publications"

(5th April - 17th April, 2021)

organised by

Department of Commerce

Acharya Narendra Dev College, University of Delhi

in collaboration with

Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi.

Prof. Ravi Toteja
Offg. Principal, ANDC

Dr. Jyoti Bhola

to Bhola

Prof. Rama Chairperson, MHRFDC

A Two-day International Webinar



ON

BEYOND HEGEMONY: NEW PERSPECTIVES OF DEMOCRATIC DISCOURSES FROM SOUTH ASIA

(16-17 September, 2021)

Organized by
Department of International Relations
JADAVPUR UNIVERSITY,
KOLKATA
Certificate

Ashish Sharma (Doctoral Scholar) of

Jawaharlal Nehru University, New Delhi took part in the International Webinar on

Beyond Hegemony: New Perspectives of Democratic Discourses from South Asia, organized by the Dept. of

International Relations, Jadavpur University, Kolkata on 16-17 Sept, 2021 and chaired/co-chaired/participated in/presented a paper titled "Ambedkar's nationalism and emancipatory democracy"

Bhagaban Behera

Bhagaban Behera

Jt. Coordinator & Assistant Professor

Dept. of International Relations

Jadavpur University

Imankalyan Lahiri
Head and Professor,
Dept. of International Relations,
Jadavpur University

Subhajit Naskar

Jt. Coordinator & Assistant Professor,

Dept. of International Relations

Jadaypur University

IQAC



P.G.D.A.V. COLLEGE UNIVERSITY OF DELHI



CERTIFICATE OF PARTICIPATION

This is to certify that

Lalita Kumari

of _____ Delhi College of Arts & Commerce

has successfully completed Webinar Series (Professional) on "Transforming Teaching-Learning Process using ICT Tools" organized by PGDAV College, University of Delhi, from 28th to 30th August, 2020.

sd- sd- sd-

Dr. Shuchi Pahuja Mr. K.K. Srivastava Dr. Mukesh Aggarwal
CONVENER DIRECTOR PATRON AND PRINCIPAL



Chair on Consumer Law and Practice

National Law School of India University, Bangalore, Karnataka Ministry of Consumer Affairs, Food & Public Distribution, Government of India



NATIONAL WEBINAR SERIES ON, THE CONSUMER PROTECTION ACT 2019, RULE & REGULATIONS

CERTIFICATE OF PARTICIPATION

This is to certify that LALITA KUMARI of Delhi College of Arts and Commerce, New Delhi participated in National Webinar Series on The Consumer Protection Act 2019, Rule & Regulations organised by Chair on Consumer Law and Practice, National Law School of India University, Bangalore from 21st August 2020 to 26th August, 2020.

DATE: 26th AUGUST, 2020

Prof.(Dr.) Ashok R Patil Chair Professor,

Chair on Consumer Law and Practice, National Law School of India University, Bangalore







Mahatma Hansraj Faculty Development Centre

A Centre of MoE, Govt. of India
Under Pandit Madan Mohan Malaviya National
Mission on Teachers and Teaching
(PMMMNMTT)

Certificate

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

Lalita Kumari

from

Delhi College of Arts And Commerce, University of Delhi

has successfully completed

Two week (Online) Interdisciplinary Faculty Development Programme on

"From Research to Publications"

(5th April - 17th April, 2021)

organised by

Department of Commerce

Acharya Narendra Dev College, University of Delhi

in collaboration with

Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi.

Prof. Ravi Toteja
Offg. Principal, ANDC

Dr. Jyoti Bhola

to Bhola

Prof. Rama Chairperson, MHRFDC







Mahatma Hansraj Faculty Development Centre

A Centre of MoE, Govt. of India
Under Pandit Madan Mohan Malaviya National
Mission on Teachers and Teaching
(PMMMNMTT)

Certificate

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

Amit Kumar Yadav

from

Delhi College Arts & Commerce, University of Delhi

has successfully completed

One week (Online) Interdisciplinary Faculty Development Programme on "Emergent Aesthetics of Translation – Theory and Praxis" (19th February- 25th February, 2021)

organised by

Mata Sundri College for Women, University of Delhi

in collaboration with

Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi.

= aloba

Prof. (Dr.) Harpreet Kaur

Prof. (Dr.) Harpreet Kaur Principal, Mata Sundri College for Women Dr. Jyoti Bhola

Prof. Rama Chairperson, MHRFDC



UGC

Jamia Millia Islamia, New Delhi

Certificate Of Participation

UGC Sponsored Online Refresher Course in English Literature & Language

This is to certify that

Amit Kumar Yadav, Assistant Professor

Delhi College of Arts & Commerce, University of Delhi, Netaji Nagar, New Delhi

participated in the First Online two-week Refresher Course in English Literature & Language organized by the UGC – HRDC, Jamia Millia Islamia, New Delhi from 26th November to 10th December, 2020 and obtained

grade.....A

Dr. Shimi Moni Doley Course Coordinator Prof. Anisur Rahman

Dr. Nazim Husain Al-Jafri Registrar







Ministry of Human Resource Development Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching

Teaching Learning Centre

Ramanujan College

University of Delhi

And

Janki Devi Memorial College

University of Delhi

Certificate

This is to certify that

AMIT KUMAR YADAV

of

DEPARTMENT OF ENGLISH, DELHI COLLEGE OF ARTS & COMMERCE, D. U.

successfully completed One Week Online Faculty Development Programme on "ICT ENABLED TEACHING LEARNING"

September 7 - September 13, 2020

and obtained grade A+



Dr. S.P. AGGARWAL

(Principal) Director, TLC

Ramanujan College

Dr. Swati Pal Principal

Janki Devi Memorial College

BNan Pal









CERTIFICATE OF PARTICIPATION

Shutter

DR. ASHUTOSH MISHRA
OSD, DSPP&G
UNIVERSITY OF DELHI

PROF. (DR.) V. K. AHUJA
HON'BLE VICE-CHANCELLOR
NLUJA, ASSAM

PROF. R. P. TEKCHANDANI
UNIVERSITY OF DELHI
BHARTIYA SHIKSHAN MANDAL

PROF. SAROJ SHARMA
CHAIRPERSON
NIOS, GOI







Mahatma Hansraj Faculty Development Centre

A Centre of MoE, Govt. of India
Under Pandit Madan Mohan Malaviya National
Mission on Teachers and Teaching
(PMMMNMTT)

Certificate

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

<u>Satyavir</u>

from

Delhi College of Arts and Commerce, University of Delhi

has successfully completed

One week (Online) Interdisciplinary Faculty Development Programme on 'Interdisciplinary Studies and Higher Education: Prospects and Challenges' (26th July – 31st July 2021)

organised by

Dyal Singh College, University of Delhi

in collaboration with

Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi

Dr. V. K. Paliwal Principal (Offg.) Dyal Singh College Dr. Jyoti Bhola Coordinator, MHRFDC

Prof. Rama Chairperson, MHRFDC







Faculty Development Programme

June 21-25, 2021





This is to certify that

Dr. Animesh Mohapatra of Delhi College of Arts & Commerce (University of Delhi)

has successfully completed the one week online Faculty Development Programme in English Studies,

"REMAPPING THE INDIAN NOVEL IN ENGLISH"

organized by

Kirori Mal College, University of Delhi and the Faculty Development Centre, Mizoram University, Aizawl under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MoE.

The One Week's involvement included attendance during live sessions, submission of a quiz, assignment and presentation. The participant has obtained GRADE "A+"

UNIQUE CERTIFICATE CODE: KMCFDPINE-2021-134

Souther Ed

Prof. Someshwar Sati (Dept. of English, Kirori Mal College) V. Chauhaw.

Prof. Vibha Singh Chauhan (Principal, Kirori Mal College) Xoxanath Mishra

Prof. Lokanath Mishra (Director, Faculty Development Centre, MU)



Guru Angad Dev
Teaching Learning Centre
A Centre of Ministry of Education
under PMMMNMTT



सत्यमेव जयते Government of India Ministry of Education





FACULTY DEVELOPMENT PROGRAM 27th January to 02nd February 2021

Digital Tools for 21st Century: Word Processing & Spreadsheets

This is to certify that

ANIMESH MOHAPATRA, DELHI COLLEGE OF ARTS & COMMERCE (UNIVERSITY OF DELHI)

has **successfully completed One Week Online National Faculty Development Program** organized by Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education. This was conducted in online mode with one week's involvement in a flexible mode. This online FDP is equivalent to one week face to face FDP. The one week's involvement included attendance during live/recorded sessions, hands on activities, submission of quizzes, assignments and project. The participant has obtained GRADE "A+" as required for promotion under CAS of UGC and AICTE.

Dr. Jaswinder Singh Principal, S.G.T.B. Khalsa College University of Delhi



Project Head & Joint Director GAD-TLC of MoE



Guru Angad Dev Teaching Learning Centre A Centre of MoE under PMMMNMTT



सत्यमेव जयते Government of India Ministry of Education



Providence Women's College, Calicut, University of Calicut (UGC Paramarsh Scheme)

Certificate

23rd November 2020 to 27th November 2020
FACULTY DEVELOPMENT PROGRAM
On
Digital Tools In Teaching

This is to certify that

DR. ANIMESH MOHAPATRA, DELHI COLLEGE OF ARTS & COMMERCE (UNIVERSITY OF DELHI)

has **successfully completed** One Week National Online Faculty Development Program jointly organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education (MoE) and Providence Women's College, Calicut, University of Calicut. This was conducted in online mode with One Week commitment through Live Sessions, Quizzes, Project and Assessment. This Online FDP is equivalent to One week face to face FDP. The participant has obatained GRADE **A**+ as required for promotion under CAS of UGC and AICTE.

Dr. Jaswinder Singh Principal S.G.T.B. Khalsa College

University of Delhi

Dr. (Sr.) Jaseena Joseph Principal

Principal
Providence Women's College
Calicut

Dr. Deepthi Jose

FDP Coordinator Providence Women's College Calicut Dr. Vimal Rarh
National Coordinator
GAD-TLC of MoE



Guru Angad Dev
Teaching Learning Centre
A Centre of MHRD
under PMMMNMTT



सत्यमेव जयते Government of India Ministry of Human Resource Development



S.G.T.B. Khalsa College, University of Delhi



ONE WEEK FACULTY DEVELOPMENT PROGRAM
27 October - 02 November 2020

Towards Quality Higher Education through NEP-2020

This is to certify that ANIMESH MOHAPATRA, DELHI COLLEGE OF ARTS & COMMERCE (DU)

has **successfully completed One Week National Faculty Development Program** organized by Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD. This was conducted in online mode with one week's involvement in a flexible mode. This online FDP is equivalent to one week face to face FDP. The one week's involvement included attendance during live/recorded sessions, hands-on activities, submission of quizzes, assignments and project. The participant has obtained GRADE "A+" as required for promotion under CAS of UGC and AICTE

Dr Jaswinder Singh
Principal
S.G.T.B. Khalsa College, University of Delhi

Drymal Rarh
National Coordinator
GAD TLC of MHRD







ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training And Learning (ATAL) Academy

Certificate

This is certified that Animesh Mohapatra, Assistant Professor of Delhi College of Arts & Commerce (DU) participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Leadership & Excellence" from 2020-9-14 to 2020-9-18 at Faculty of Engineering & Technology.

Jewinson

Director ATAL Academies





Coordinator







ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training And Learning (ATAL) Academy

Certificate

This is certified that Animesh Mohapatra, Assistant Professor of Delhi College of Arts & Commerce (DU) participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Leadership & Excellence" from 2020-9-7 to 2020-9-11 at Utkal University.

Jameson

Director ATAL Academies





Coordinator











Teaching Learning Gentre Ramanujan College (University of Delhi)

in collaboration with

Shyama Prasad Mukherjee College for women (Delhi University), Armapur PG College (Armapur Estate), Chhatrapati Shahu Ji Maharaj University (Kanpur), Mount Carmel College (Autonomous), Bangalore

UNDER THE AEGIS OF

MINISTRY OF HUMAN RESOURCE DEVELOPMENT PANDIT MADAN MOHAN MALVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



THIS IS TO CERTIFY THAT

RENU SHARMA

OF

DELHI COLLEGE OF ARTS & COMMERCE, UNIVERSITY OF **DELHI**

SUCCESSFULLY COMPLETED TWO WEEK INTERDISCIPLINARY FACULTY DEVELOPMENT PROGRAMME ON

SAHITYA, BHASHA, SAMAJ, RAJNITI AUR DARSHAN: ANTARVISHYAK SANDARBH

FROM 26^{TH} DECEMBER 2020 to 09^{TH} JANUARY 2021 AND OBTAINED A GRADE " \mathbf{A}

DR. S.P. AGGARWAL (PRINCIPAL) DIRECTOR, TLC RAMANUJAN COLLEGE



DR. SADHNA SHARMA (PRINCIPAL) PROGRAM DIRECTOR SHYAMA PRASAD MUKHERJEE COLLEGE FOR WOMEN



CERTIFICATE OF PRESENTATION

This certificate is awarded to

Mr. Chandan kumar Singh

Of Delhi College of Arts & Commerce, university of Delhi

for the research paper presentation entitled

Effect of Performance Expectancy, Effort Expectancy and Price Value on Behavioural Intention towards Mobile App-based Shopping: An Empirical Study among Select Demographics of Consumers

Presented At

INTERNATIONAL E-CONFERENCE ON ADVANCES IN BUSINESS AND MANAGEMENT

(4th - 6th March, 2021)

Organized by Shaheed Bhagat Singh College, Department of Commerce, University of Delhi, India

Sundar Radhakrishnan

Vice President - South Asia

Emerald Publishing

Dr. Aarti Saini
Organizing Secretary

IECBM - 2021

ACADEMIC PARTNERS

















SWAYAM ARPIT ONLINE COURSE CERTIFICATION

This Certificate is awarded to

HENNA SIKKA

for successfully completing the ARPIT Course for

Career Advancement Scheme(CAS) promotion

Refresher Course In Economics

with a "C" Grade in the proctored examination held on 16.02.2020

Shri Ram College of Commerce, University of Delhi

Authorized Signatory of Institution (Course Coordinator)

Shri Ram College of Commerce, University of Delhi

Authorized Signatory of AICTE

Date of Issue: 30/06/2020

Malliko Kumae

www.swayam.gov.in



दिल्ली कॉलेज ऑफ आर्ट्स एण्ड कॉमर्स

दिल्ली विश्वविद्यालय

_Za

महाकवि जयशंकर प्रसाद फाउण्डेशन

के संयुक्त तत्वावधान में आयोजित 'सृजनात्मक लेखन' विषय पर पांच दिवसीय ई-कार्यशाला (दिनांक १४-१८ सिंतबर २०२१)

प्रमाण-पत्र

प्रमाणित किया जाता है कि प्रो./डॉ./श्री/सुश्री/श्रीमती Dr. Puran Chand

ने दिनांक 14-18 सितंबर 2021 को 'सृजनात्मक लेखन' विषय पर आयोजित पांच दिवसीय ई-कार्यशाला में प्रतिभागी के रूप में उपस्थित रहकर सक्रिय योगदान दिया, जिसके सम्मानार्थ यह प्रमाण-पत्र

प्रदान किया जाता है।

Bay Sill

डॉ. के एल ढींगरा (संयोजक एवं प्रभारी) Sihant Pandey

श्री श्रीकांत पांडेय (संयोजक, आईक्यूएसी) an-

प्रो. राजीव चोपड़ा (प्राचार्य, डीसीएसी)



NATIONAL INSTITUTE OF TECHNOLOGY-TIRUCHIRAPPALLI

Certificate of Participation

This is to certify that <u>Or. Vinita Gupta Chaturvedi, Associate Professor, Delhi College of Arts & Commerce, University of Delhi</u> has participated in the **Phase-II** of the **Two-Week Online Faculty Development Programme on Continuing Professional Development: Practising, Researching and Publishing organised by the Department of Humanities and Social Sciences, National Institute of Technology, Tiruchirappalli from 19 to 23 July, 2021.**

Dr. V.K. Karthika (Convener)

Prof. R. Joseph Ponniah

R. Thi

(Co-Convener)



NATIONAL INSTITUTE OF TECHNOLOGY-TIRUCHIRAPPALLI

Certificate of Participation

This is to certify that <u>Or. Vinita Gupta Chaturvedi, Associate Professor, Delhi College of Arts & Commerce, University of Delhi</u> has participated in the **Phase-I** of the **Two-Week Online Faculty Development Programme on Continuing Professional Development: Practising, Researching and Publishing organised by the Department of Humanities and Social Sciences, National Institute of Technology, Tiruchirappalli from 12 to 16 July, 2021.**

Dr. V.K. Karthika

(Convener)

Prof. R. Joseph Ponniah

R. Thi

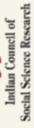
(Co-Convener)



INDIAN COUNCIL OF SOCIAL SCIENCE RESEARCH

sponsored

Two Day National Webinar



5

Socio - Economic - Political Implications of Covid 19 on Women in India

(10th - 11th June 2021) organised by

DEPARTMENT OF JOURNALISM

Kalindi College

University of Delhi

(NAAC ACCREDITED GRADE 'A')

Certificate

This is to certify that Dr. Neha Jingala of Delhi College of Arts and Commerce has participated in the webinar and presented a paper on Impact of COVID-19 on Women Journalists in India.





N

DR. MEENA CHARANDA

Convenor

DR. RAKHEECHAUHAN Convenor

DR. MANISHA Co-Convenor

DR. NAINA HASIJA Principal



Maharaja Agrasen Institute of Management Studies

Established by Maharaja Agrasen Technical Education Society & Affiliated to Guru Gobind Singh Indraprastha University, Delhi Recognized under 2(f) of UGC and Bar Council of India; ISO 9001:2015 Certified Institution Campus: Maharaja Agrasen Chowk, Sector-22, Rohini, New Delhi-110086, India www.maims.ac.in Courses offered: BBA, B.Com (H), BA (Eco) (H), BA (JMC) & BA LLB











in MAIMS Delhi IN

Dr. Nand Kishore Garg

Founder & Chief Advisor, Maharaja Agrasen Technical Education Society (MATES) New Delhi Chancellor, Maharaja Agrasen University, Baddi, H.P., India

Sh. Vineet Kr. Gupta Chairman, MATES

Sh. S.P. Aggarwal **Executive Chairman, MATES**

Prof. (Dr.) M.L. Goyal Vice-Chairman (Academics), MATES

Er. T.R. Garg **General Secretary, MATES** Sh. Rajnish Gupta Secretary, MATES

Prof. (Dr.) S.K. Garg **Director General, MAIMS** Prof. (Dr.) G.P. Govil **Advisor, MATES**

Prof. (Dr.) Vljay Kumar Khurana Secretary, IQAC

Prof. (Dr.) Ravi Kumar Gupta **Director, MAIMS**

Reg. No.: MAIMS/Conference/July 2020/415,

Under the Aegis of IOAC

International Conference

Global Economic Order in the Post-COVID-19 Era: Challenges, Opportunities and Strategies

July 25. 2020

Certificate of Participation

Awarded to

Ms. Neha Jingala

of Delhi College of Arts and Commerce for attending the Conference and presenting the paper titled "Contribution of Doordarshan As A Medium of Entertainment in COVID-19 Crisis: A Study on Indian Youth".

The International Conference conducted ZOOM Platform was on YouTube (https://us02web.zoom.us/j/9097708196) and live on MAIMS Channel (https://www.youtube.com/c/MAIMSDelhiIN).

Dr. Sanjay Kumar Mangla Head, Department of Economics Conference Convenor

Prof. (Dr.) Ravi Kumar Gupta Director, MAIMS Conference Chair



4th INTERNATIONAL CONFERENCE

Ö

ROLE OF MEDIA DURING COVID-19 PANDEMIC

COMM CON 2021

6th - 7th July, 2021

CERTIFICATE

Neha Jingala

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

from Delhi College Of Arts & Commerce, University Of Delhi has Delivered invited talk/Chaired

session/Participated/Presented a paper entitled Impact Of Social Media On Youth During The COVID-19 Pandemie: A Cross-Sectional Study

at the 4th International Conference Company on "Role of Media During Covid - 19 Pandemic"

held on 6th & 7th July, 2021.



Prof. YDS Arya Vice-Chancellor

Jointly Organized by

Department of Journalism & Mass Communication and Department of Professional Communication

INVERTIS UNIVERSITY

Invertis Village, Bareilly-Lucknow NH-24, Transport Nagar, Bareilly Ph. 1958-240943, 209100 - Ernil : conrece2017@merts.org - Velosin : Invertisations into



Mr. Amritansh Mishra









CPDHE (UGC-HRDC)

Centre for Professional Development in Higher Education
Human Resource Development Centre
University of Delhi, Delhi

Certificate

UGC-Sponsored Refresher Course

This is to certify that

Neha Jingala

Delhi College of Arts & Commerce, University of Delhi, Delhi

Participated in 2 weeks online Refresher Course in

Journalism, Media and Cinema

from July 20, 2020 to August 01, 2020

and obtained grade '.A+,'

Course Coordinator

Director

Registrar









ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training And Learning (ATAL) Academy

Certificate

This is certified that Neha Jingala, Assistant Professor of Delhi College of Arts and Commerce, University of Delhi participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Cinematic Communication" from 2021-06-14 to 2021-06-18 at Makhanlal Chaturvedi National University of Journalism and Communication (MCNUJC) Bhopal.



Director ATAL Academies





Coordinator

CERTIFICATE OF COMPLETION

THIS ACKNOWLEDGES THAT

DR NEHA JINGALA

Has Successfully Completed the

International Course on Conflict Transformation and Peacebuilding

(26 July - 6 August 2021)

Director of International Program of

International Relations

Yogyakarta, 27 August 2021

Director of DEEP Global Network

Dr. Sugeng Riyanto M.Si

Prof. Alberto Gomes









Teaching Learning Centre, Ramanujan College University of Delhi

In collaboration with
Satyawati College (M), University of Delhi
under the aegis of
MINISTRY OF EDUCATION
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



Dr. Nidhi Pande Aggarwal

This is to certify that

of

Delhi College of Arts and Commerce, University of Delhi

has successfully completed INTER-DISCIPLINARY ONLINE TWO - WEEK REFRESHER COURSE/FACULTY DEVELOPMENT PROGRAMME on

"Managing Online Classes & Co- creating MOOCS 9.0"

from 08 - 22 November, 2021 and obtained

Grade A+.



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SpA jsamuel

Prof. S. P. Aggarwal (Principal & Director) TLC, Ramanujan College

Prof. Nirmal Jindal (Principal) Satyawati College (M)













(BUNIYAAD EDUCATION SOCIETY, DELHI) ONE WEEK FACULTY DEVELOPMENT PROGRAMME

CERTIFICATE OF PARTICIPATION

Awarded to Prof./Dr./Mr./Ms	KIRAN GUPTA	of
	COLLEGE OF ARTS AND COMMERCE	

for participating in one week Faculty Development Programme on 'RESEARCH METHODOLOGY AND TECHNOLOGY LED PARADIGM SHIFT IN TEACHING AND LEARNING PROCESS' organized by Internal Quality Assurance Cell, Research and Consultatncy Cell, P.G.D.A.V. College (Evening) in collaboration with Buniyaad Education Society, Delhi during 4-12 August, 2020.

(Dr. Rakesh Gupta) Coordinator, BES

(Dr. Sanjay Kumar) Convener, IQAC

(Dr. Ruchira Pathak) Convener, R&CC

(Dr. R.K. Gupta) Principal













(BUNIYAAD EDUCATION SOCIETY, DELHI) ONE WEEK FACULTY DEVELOPMENT PROGRAMME

CERTIFICATE OF PARTICIPATION

Awarded to Prof./Dr./Mr./Ms	KIRAN GUPTA	of
	COLLEGE OF ARTS AND COMMERCE	

for participating in one week Faculty Development Programme on 'RESEARCH METHODOLOGY AND TECHNOLOGY LED PARADIGM SHIFT IN TEACHING AND LEARNING PROCESS' organized by Internal Quality Assurance Cell, Research and Consultatncy Cell, P.G.D.A.V. College (Evening) in collaboration with Buniyaad Education Society, Delhi during 4-12 August, 2020.

(Dr. Rakesh Gupta) Coordinator, BES

(Dr. Sanjay Kumar) Convener, IQAC

(Dr. Ruchira Pathak) Convener, R&CC

(Dr. R.K. Gupta) Principal

Annex - XXV-j

Invitation Letter

Center for CORE project in Dong-A University, Busan, Republic of Korea would like to cordially invite following resource person from Delhi College of Arts & Commerce, University of Delhi, India.

o Invitee

Name	Work place	Position
Dwivedi Anand Prakash Sharma	Delhi College of Arts and Commerce Univ of Delhi	Associate Professor (Hindi)

o Purpose:

- a. To give online lecture on "Caste System in India" on Jan.15, 2021 (11:00~13:00 Korean local time)
- b. To discuss about the possibility for further development of the cooperation including the possibility of academic and educational programs

We believe our association through this lecture will strengthen relationship of academic exchange between the two organizations.

Sincerely,

Eunkyung Park

Director of Center for CORE Project

Dong-A University

St. Nakdongdaero 550beon-gil, Saha-gu, Busan, Repulic of Korea

Tel: +82-51-200-7392~4 Email: jieunjohanna@dau.ac.kr

Bongler

Receipt

Received an amount of Rs. 3000/- (Rupees Three Thousand only) from the Head of the Department towards honorarium for delivering speech on Two Day National Webinar on HINDI SAHITYA AUR VIVIDH VIMARSH, CUSAT was held on 10th & 11 September, 2021 by the Department of Hindi, Cochin University of Science and Technology, Cochin through online platform.

Dr.Reshmi Rawat

De Rashmi Rawat

13.09.2021

Thiruvananthapuram



DEPARTMENT OF HINDI

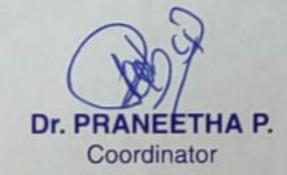
COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY KOCHI - 682 022, KERALA



Certificate

This is to certify that Dr. /Shri. /Smt Reshmi. Rawat	f
participated / presented a Paper in the Two Day National Webinar on "HINDI SAHITYA AUF	2
VIVIDH VIMARSH" conducted by the Department of Hindi, Cochin University of Science and	ſ
Technology, Kochi-682 022, Kerala on 10 th - 11 th September 2021.	
Topic:- हिन्दी कापा साहित्य में स्नी दृष्टि	

Kochi - 682 022 11-09-2021





Problem of a Lead Depriment of Hindl Cochin University of Science and Technology Kochi-682 022, Kerata Dr. K. AJITHA

Dr. K. AJITHA
Head of the Department



Entropy Based Machine Learning Models for Software Bug Severity Assessment in Cross **Project Context**

Madhu Kumari¹, Ujjawal Kumar Singh², and Meera Sharma²⁰⁰⁶)

Delhi College of Arts & Commerce, University of Delhi, Delhi, India mears, madrudgmail, com

Amity School of Engineering and Technology, CKSIP University, Delka, India ujjawalkumarsingh99ggmail.som

³ Swami Shraddhanand College, University of Delhi, Della, India meerakaushik@gmail.com

Abstract. There can be noise and uncertainty in the bug reports data as the hugs are reported by a heterogeneous group of users working scrops different countries. Bug description is an essential attribute that helps to predict other bug attributes, such as severity, priority, and time fixes. We need to consider the noise and confusion present in the text of the bug report, as it can impact the output of different machine learning techniques. Shannon entropy has been used in this paper to calculate summary uncertainty about the buy. Buy severity attribute tells about the type of impact the bug has on the functionality of the software. Correct bug severity estimation alleres scheduling and repair bugs and hence help in resource and effort utilization. To predict the severity of the bug we need software project historical data to train the classifier. These training data are not always available in particular for new software projects. The solution which is called cross project prediction is to use the training data from other projects. Using bug priority, summary weight and summary entropy, we have proposed cross project bug severity assessment models. Results for proposed summary entropy based approach for bug severity prediction in cross project context show improved performance of the Accuracy and F-measure up to 70.23% and 93.72% respectively across all the machine learning techniques over existing work.

Introduction

In software development life cycle, bug reporting and fixing is a continuous and iterative activity [1]. A large number of bugs are reported on bug tracking systems by different users, developers and staff members located at different geographical locations in a distributed environment. Bug severity is one of the most important bug attributes which tells about its extent of impact on the functionality of the software. Bug severity is labeled in seven classes from 1 to 7, namely "Blocker", "Critical", "Major", "Normal", "Minor", "Trivial" and "Enhancement". The automated bug severity prediction is useful in resource allocation and bug fix scheduling. It also assists the priority assignment for the bug. Bug severity prediction needs training data, i.e. the history of

[©] Springer Nuture Switzerland AG 2020

O. Gervasi et al. (Eds.) ICCSA 2020, LNCS 12254, pp. 939-953, 2020 https://doi.org/10.1007/67/8.3.4780.58817-5_66







CPDHE (UGC-HRDC)

Centre for Professional Development in Higher Education Human Resource Development Centre

University of Delhi, Delhi

Certificate

UGC-Sponsored Workshop

Inis is to certify that	
Kishor Kumar	
	•

Delhi College of Arts and Commerce, University of Delhi, Delhi

Participated in the online Workshop on

E-content Development and Online Pedagogy

from May 23, 2020 to May 29, 2020

Workshop Convenor

Director

Registrar



Certificate of Participation

Towards New Visions: Women in Films, Media and Beyond Virtual Conference, 11-12 March 2021

Sponsor: Shastri Indo-Canadian Institute's Golden Jubilee Conference and Lecture Series Grant (GJCLSG)

This is to certify that $\mathcal{D}r$. Smíta $\mathcal{B}aner$ jee presented a paper titled 'Collaborative Praxis: Feminisms and Empowerment in Contemporary Popular Bengali Cinema' at Towards New Visions: Women in Films, Media and Beyond Virtual Conference, 11-12 March 2021, jointly organized by University of Guelph, Canada and Indian Institute of Technology Madras (IITM) and hosted by Canada India Research Centre for Learning and Engagement (CIRCLE). She also chaired a session 'Men's Take on Women Focused Content'.

Aysha Iqbal, IITM

Sharada Srinivasan, University of Guelph



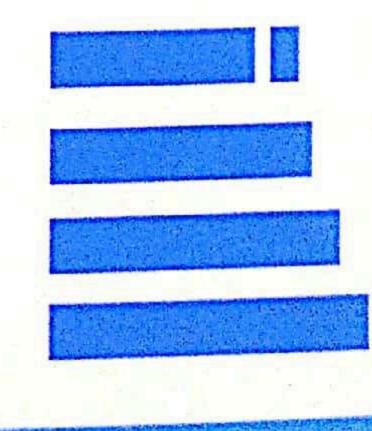


Canada India Research Centre for Learning and Engagement





UNIVERSITY OF DELHI



ERTIFICATE OF PARTICIPATI

This is to certify that **Pro**f Mr./Ms. Smita Baner

Department/College/C entre Delhi College of Asts and Commerce, University

Delhi .participated as a Participant / Resource Person / Coordinator

day Shoot-Term Course on Inclusion of High Education

.held from ... 15.03. 2021 19.03.2021

in an Online/Offline mode

Professor Pankaj Arora
Director (ILLL)

Course Coordinator



Teaching Learning Centre, Ramanujan College University of Delhi

under the aegis of
MINISTRY OF EDUCATION
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

Dr. Rittvika Singh

of

Department of English, Delhi College of Arts & Commerce, University of Delhi has successfully completed the two-week online Refresher Course in English Studies "Re-Energising Research: Interdisciplinary and Transcultural Approaches to Indian Literature" held from 1-14 August, 2021

organised by

Teaching Learning Centre, Department of English and Internal Quality Assurance Cell Ramanujan College

The participant has obtained Grade A+.



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Dr. Nirmalya Samanta (Programme Director)

Ramanujan College

Prof. S.P. Aggarwal
TLC Director
Principal, Ramanujan College

Date

Prof. K.Latha (Programme Director) Ramanujan College







CPDHE (UGC-HRDC)

Centre for Professional Development in Higher Education
Human Resource Development Centre
University of Delhi, Delhi

Certificate

UGC-Sponsored Refresher Course

This is to certify that

Renu Singh	
Delhi College of Atrs & Commerce, University of Delhi, De	الد
Definit Conlege of Au's & Commerce, University of Defini, De	

Participated in 2 weeks online Refresher Course in

Indian Folklore, Culture & Traditions (IDC)*

from February 10, 2021 to February 23, 2021

and obtained grade '.....'.

*Interdisciplinary Refresher Course

Course Coordinator

Director

Registra





Deen Dayal Upadhyaya College, University of Delhi, Indian Accounting Association, Delhi Chapter & Voice of Chartered Accountants (NGO)(Regd.)

CERTIFICATE of PARTICIPATION

PRESENTED TO

Dr. Rajiv Kumar Goel

HAS SUCCESSFULLY COMPLETED THE

Certificate Course on IND-AS Beginners-I (Webinar) 31st July - 2nd August, 2020

Date of Issue: 4th August, 2020

Dr. Hem Chand Jain

Principal, DDU College

CA. Sanjay Kumar Agarwal Founder, Voice of CA

Dr. Anil Kumar

IAA, Delhi Chapter





Certificate of Completion

This is to certify that

Rishabh Gupta

has successfully completed

Training Program on Equity Research & Valuation

conducted jointly by NSE Academy Limited and Empirical F & M Academy from 09th April 2021 to 11th April 2021.

Date: 11th April, 2021

Place: Mumbai

NSE Academy Limited is a wholly owned subsidiary of NSE

Abhilash Misra

Authorized Signatory

NSE Academy Limited

Rajendra Sharma

Director

Empirical F & M Academy

🕦 NSE 🔊 NSE 🦠 NSE 🥦 NSE 🔊 NSE 🔊 NSE 🔊 NSE 🔊 NSE



WOMEN'S COLLEGE, CALCUTTA

NAAC Accredited B++ College

P-29, KSHIRODE VIDYAVINODE AVENUE, KOLKATA - 700 003

Website: www.womenscollegekolkata.in, E-mail: womenscollegekolkata@gmail.com

Ref. No	Dated

Dated- 03/02/2020

To
Shri Barhm Prakash Chaturvedi,
Assistant Professor,
Department of Journalism & Mass Communication,
Delhi College of Arts & Commerce
University of Delhi
Email-thisisbrahm@gmail.com Mob- 9999626374

Sir,

Department of Journalism & Mass Communication, Women's College, Calcutta is going to organize a National Seminar on "Documentary Film Making" on 08/02/2020 (Saturday) at the college premises from 11.00 to 4.00 p.m.

It will be our pleasure if you kindly join us as a resource person to speak on the subject at 11.00 a.m.

Awaiting your favorable response.

Regards,

Yours Sincerely,

Dr. Mahua Das

Principal,

Women's College, Calcutta

Phone: 033 2554 4540 (O), 2533 2435 (P), Fax: 2533 2435



Teaching Learning Centre, Ramanujan College University of Delhi

under the aegis of
MINISTRY OF EDUCATION
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

Mr. Jeremiah Pame

of

Department of English. Delhi College of Arts and Commerce. University of Delhi. Delhi successfully completed a 4-Week Induction/Orientation Programme for

"Faculty in Universities/Colleges/Institutes of Higher Education"

from *21 August – 19 September, 2021* and obtained Grade <u>A+</u>.





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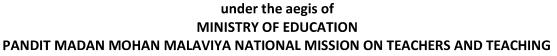
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Prof. S. P. Aggarwal (Principal & Director) TLC, Ramanujan College

Dr. Nikhil Kr. Rajput (Programme Director) Ramanujan College



Teaching Learning Centre, Ramanujan College University of Delhi





This is to certify that

Mr. Jeremiah Pame

of

English Department, Delhi College of Arts and Commerce, University of Delhi, Delhi. has successfully completed Online Two Week Interdisciplinary Refresher Course on

"TECHNOLOGY AND INNOVATION IN TODAY'S EDUCATION: A MULTI-DIMENSIONAL APPROACH"

from 27 September – 11 October, 2021 and obtained Grade A.+.



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Sphjamel

Prof. S. P. Aggarwal (Principal & Director) TLC, Ramanujan College

Dr. Zairu Nisha (Convenor) Ramanujan College





Prestige Institute of Management Gwalior proudly presents this "Certificate of Gratitude" for outstanding address by

Dr. Neeru Kapoor

Keynote Speaker

for addressing in

12th International E-Conference on

"Digitalization as Vehicle For Innovation Organizational Growth & Effectiveness" and honoring us with her remarkable presence on December 19-20, 2020"

Dr. Ruturaj Baber

Dr. S.S. Bhakar Principal

Page 3/14



Certificate of Presentation

this is to certify that the paper

"Effect of Privacy, Trust and Risk Concerns on Mobile-App Based Shopping: An Empirical Study in the Context of India"

authored by Neeru Kapoor and Chandan Kumar Singh

was presented during the

2021 Virtual Annual Conference

June 1-4, 2021

Julie Moulard
President

Barry J. Babin Executive Director



Internal Quality Assurance Cell (IQAC)

ATMARAM SANATAN DHARMA COLLEGE



(University of Delhi)

Accredited Grade 'A' By NAAC All India 13th Rank in NIRF (MHRD)

Certificate No: RMT/ARSD/102

In Collaboration with

TEACHING LEARNING CENTER, RAMANUJAN COLLEGE

(University of Delhi)

Certificate of Participation

participated in the One Week Online Faculty Development Programme on "RESEARCH METHODOLOGY: TOOLS & TECHNIQUES" under Pandjt Madan Mohan Malviya National Mission on Teachers and Training Scheme of This is to certify that Ms./Mr./Dr./Prof. AWADHESH KUMAR SAH from DELHI COLLEGE OF ARTS & COMMERCE has MHRD, Govt. of India held from 5th-11th June, 2020 at ARSD College, University of Delhi.

7. Tulk:

(DR. VINITA TULI)

CONVENER

Jan De Holes

(DR. S. P. AGGARWAL)
PRINCIPAL
RAMANUJAN COLLEGE, UNIVERSITY OF DELHI

Steering f.

(DR. GYANTOSH KUMAR JHA)
PRINCIPAL
ARSD COLLEGE, UNIVERSITY OF DELHI



S.P. AGGARWAL ector, TLC ncipal, Ramanujan College Under the aegis of Ministry of Human Resource Development
Department of Computer Science, Mata Sundri College for Women
. University of Delhi

University of Delhi
In Collaboration with
Pandit Madan Mohan Malviya National Mission on Teachers and Teaching
Teaching Learning Centre,Ramanujan College

This is to certify that.

AWADHESH KUMAR SAH

of

DEPARTMENT OF HISTORY, DELHI COLLEGE OF ARTS & COMMERCE

has successfully completed two weeks' Faculty Development Program on "ICT Based New Paradigms of E-Teaching and E-Learning: Digital Pedagogy" from September 15- September 30, 2020 and obtained a grade A+



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Dr. Nidhi (Convenor) Mata Sundri College for Women buteer

Dr. Kiranjeet Sethi Chief-Coordinator Mata Sundri College for Women Harguet Kom

Prof. Harpreet Kaur Principal Mata Sundri College for Women

Mry



Teaching Learning Centre, Ramanujan College University of Delhi



under the aegis of
MINISTRY OF HUMAN RESOURCE DEVELOPMENT
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING

This is to certify that

Mr. Awadhesh Kumar Sah

of

Department of History . Delhi College of Arts & Commerce

successfully completed a 2-Week Faculty Development Programme on "RESEARCH METHODOLOGY" from October 01- October 15, 2020 and obtained a grade _A__





Dr. S.P. AGGARWAL Director, TLC Principal, Ramanujan College **Mr. Sahil Pathak** Convenor Ramanujan College



INSTITUTE OF LIFELONG LEARNING UNIVERSITY OF DELHI



CERTIFICATE OF PARTICIPATION

This is to certify that Prof./Dr. /	Mr./N	1s. Tanjeet.	Sabhanval of
Department/College/Centre	Delhi.	College of A.T.	1. A Commerce, Dept. O.F.
downedismparticipated as a	Partici	pant / Reso	urce Person /Coordinator
ina 5-Day course	On	LEGAL	LITERACY
h	neld fro	om. Sept. 14,	2021 to Sept. 18, 202)
in an Online/Offline mode.			Professor Raman Mittal

Professor Pankaj Arora Director (ILL) Professor Raman Mittal Professor-In-Charge Campus Law Centre



Teaching Learning Centre, Ramanujan College University of Delhi

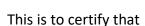
under the aegis of

MINISTRY OF EDUCATION

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING

in collaboration with

LAKHIMPUR GIRLS' COLLEGE KHELMATI, NORTH LAKHIMPUR, ASSAM



Mr. Jeremiah Pame

of

Delhi College of Arts and Commerce, Universit of Delhi

has successfully completed Online one week Faculty Development Programme on

"Advanced Pedagogical Techniques"

from 13 - 19 September, 2021 and obtained Grade <u>A+</u>.



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Sphisamel

Prof. S. P. Aggarwal (Principal & Director) TLC, Ramanujan College





A Shin

Dr. Surajit Bhuyan (Principal) Lakhimpur Girls' College



Teaching Learning Centre, Ramanujan College University of Delhi

In collaboration with

DHING COLLEGE NAGAON, ASSAM

under the aegis of MINISTRY OF EDUCATION

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING

This is to certify that



of

English Department, Delhi College of Arts and Commerce, University of Delhi, Delhi

has successfully completed online one week Faculty Development Programme on

"ICT-ENABLED TEACHING AND LEARNING"

from 20 - 26 September, 2021 and obtained Grade A+.



Blockchain Hash: <u>0x84c65e324e058e73483796e20afbf0c20cf6be72be3c858da0432816fe0a11e</u>

Prof. S. P. Aggarwal (Principal & Director) TLC, Ramanujan College



Ministry of Education

Dr. Biman Hazarika (Principal) Dhing College, Assam