



#### OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

#### Nazmun Nahar Begam

**Assistant Professor** 

Holycross college Agartala

has attended one week online faculty development programme on

"Effective Teaching Pedagogy: Strategies for Engaging and Empowering Learners" organized by

organised by Department of Humanities and Physical Education CT University, Ludhiana, Punjab

March,11-17,2024

Vice Chancellor (D: Abhistek Trinnthi) Registrar ( Dr. Vipul Yadav) Dean Academics ( Dr.Simronjeet Kour Gill ) FDP Convenor ( Dr. Parwinder Kaur ) FDP C0- Convenor

( Dr.Lakhwinder Kaur )





"Achieving Excellence Together"

FDP DIVISION, A.C.T ACADEMY REG.NO:TN/03/0147366 UNDER MSME TAMIL NADU, INDIA www.actacademy.in



## CERTIFICATE

- OF PARTICIPATION-This certificate is awarded to

DR. ASHISH KUMAR SINGHA
ASSISTANT PROFESSOR
DEPARTMENT OF HUMAN PHYSIOLOGY
HOLY CROSS COLLEGE
AGARTALA, TRIPURA WEST

for actively attending the One Week National Level Faculty Development Programme on 'NAAC Assessment and Accreditation: Procedures and Processes' from 11.09.2023 to 17.09.2023, conducted by A.C.T. Academy, Tamil Nadu in Association with Academic and Research Conglomerate

Date of Issue: 18-09-2023

Ministe

Prof.(Dr) Soudamini Menon (Retd)
Director, ACT Academy
Tamil Nadu

Ref No:MMTTC/NEP/802







#### CERTIFICATE OF PARTICIPATION

#### **NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME**

This is to certify that Ms./Mr./Dr./Prof. Debanjana Mukherjee from Holy Cross College, Agartala Tripura University (A Central University) has completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by MMTTC, Jamia Millia Islamia, New Delhi from 20<sup>th</sup> May to 30<sup>th</sup> May 2024.

Director/Coordinator





Ms. Smita Debnath Coordinator, 5 Day FDP cum National Workshop Holy Cross College, Agartala

Dr. Suman Adharjee Coordinator, FDC, CSU, Ekalavya Campus Dr. Fr. Benny K. John, CSC Principal, Holy Cross College, Agartala Prof. Prabhat Kumar Mohapatra Director, Central Sanskrit University Ekalavya Campus, Agartala



Globethics

In Collaboration With
Globethics South Asia Centre
Bangalore

ONE WEEK INTERNATIONAL FACULTY DEVELOPMENT PROGRAMME

CRAFTING EXCELLENCE: RESEARCH AND INNOVATION IN THE AGE OF AI

Date: 21 January, 2024 to 27 January, 2024

# CERTIFICATE OF PARTICIPATION

This is to certify that **Ms. Debanjana Mukherjee** of **Holy Cross College**, **Agartala** 

participated in the ONE WEEK INTERNATIONAL FACULTY DEVELOPMENT PROGRAMME CRAFTING EXCELLENCE: RESEARCH AND INNOVATION IN THE AGE OF AI.

Principal

Certificate ID
DBCBLRGIFDP0053

**IQAC** Director



# Teaching Learning Centre Ramanujan College, University of Delhi (Accredited Grade 'A++' by NAAC) under the aegis of MINISTRY OF EDUCATION Malaviya Mission Teacher Training Programme



This is to certify that

#### Dr Subhalaxmi Bhattacharjee

of

Holy Cross College, Agartala

successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 21 February – 19 March, 2024 and obtained

Grade A.





Blockchain Hash: @areasuses to distribute (Transplate and 1976) as an 2010 full payment

Sphoomel

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

Mr. Vigin Rathi (Course Coordinator) Ramanujan College

Valle

Marchan.

Or. Nikhill Kr. Rajput (Deputy Director) Ramanujan College



Prof. / Dr. / Mr. /Ms. / Mrs. Subhalaxmi Bhattacharjee

Assistant Professor, Holy Coss College, Agartala

has participated

IN THE 7-DAY NATIONAL LEVEL FDP/WORKSHOP ON "EMERGING DYNAMICS AND TRENDS IN RESEARCH METHODOLOGY & RESEARCH PUBLICATIONS"

organised by

Internal Quality Assurance Cell (IQAC) & Centre for Counselling Psychology

In Collaboration with the Faculty of Science and Humanities of

Holy Cross College, Agartala, with Grade A+
According to 2000 with A+ grade (Credit 2)

an 3046 Suma ea Oftel Sully 3033

on 29th Tune to OSth Tuly, 2023

Dr. Sushabhun Sengupta

Convener

Smt. Moushumi Jena Co-ordinator Dr. Fr. Benny R. John, Cat.

mental be sound conce

Principal

Jubalara, P.O., Lembucherra, Tripura W. 799009, Phone: 191 9402315672, www.holycrosscollege.in





#### Certificate of Completion

This is to certify that

DR. SUBHALAXMI BHATTACHARJEE,

Assistant Professor, Holy Cross College, Agartala

has completed the online weeklong Faculty Development Program on Assessment and Evaluation organized by Teaching Learning Centre, (now renamed as Malaviya Mission Teacher Training Centre), Tezpur University in association with Sonari College, Charaideo and KRB Girls' College, Guwahati during 20-26 September 2023.

This program is to be considered for fulfillment of the requirements as faid down in Career Advancement Scheme [Clause 18.0 (ix)] of UGC Regulations on Minimum Qualifications for Appointment of Teachers and other Academic Staff in Universities and Colleges and Measures for the Maintenance of Standards in Higher Education, 2018.

(Prof. Subhrangshu Sekhar Sarkar) Director

leaching Learning Centre, Tezpur University (Now renamed as MMTTC, Tezpur University)

Oz.

(Dr. Biren Das) Registrar Tezpur University Certificate Reference No:

TLC/TU/A&EFDP/SEP/2023/158

To verify the participant details please what smit povin or scan the given QR code for depetions.







"Achieving Excellence Together"

FDP DIVISION, A.C.T ACADEMY REG.NO:TN/03/0147366 UNDER MSME TAMIL NADU, INDIA www.actacademy.in



### CERTIFICATE

- OF PARTICIPATION-This certificate is awarded to

DR. SUBHALAXMI BHATTACHARJEE
ASSISTANT PROFESSOR
DEPARTMENT OF ZOOLOGY
HOLY CROSS COLLEGE, WEST TRIPURA

for actively attending the One Week National Level Faculty Development Programme on 'NAAC Assessment and Accreditation: Procedures and Processes' from 11.09.2023 to 17.09.2023, conducted by A.C.T. Academy, Tamil Nadu in Association with Academic and Research Conglomerate

Date of Issue: 18-09-2023

Minde

Prof.(Dr) Soudamini Menon (Retd)
Director, ACT Academy
Tamil Nadu



In collaboration with
MAHARAJA SURAJMAL INSTITUTE

(Aff. to GGS Indraprastha University, Delhi)

Institute under the aegis of Surajmal Memorial Education Society (SMES, 1972)

Rated as Category 'A+' by SFRC & 'A' by JAC Govt. of NCT of Delhi
Approved by BCI & AICTE And Recognised U/s 2(f) of UGC Act

MINISTRY OF EDUCATION

under the aegis of

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

#### Lily jamatia

of

Holy cross college, Agartala

has Successfully Completed online two - week Interdisciplinary Refresher Course in

"ADVANCED RESEARCH METHODOLOGY"

from 22 September – 06 October, 2023 and obtained Grade <u>A</u>.





Blockchain Hash: 0x8780c8ab22e16ac2eb50700d5b7d747fddbdc3ca02132b2755a8a057e4c63b8c

Prof. S. P. Aggarwal

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

Prof. (Dr.) Harish Singh (Director) Maharaja Surajmal Institute Dr. Nikhil Kr. Rajput (Deputy Director) TLC, Ramanujan College

Credit Hour: 24 Hours Certificate No. HU/IQAC-24/FDP/375



# Himalayiya University, Dehradun, India

(Established under the Himalayiya University Act, 2019, Uttarakhand Act No.-08 of 2019 and enlisted under section 2f of UGC Act 1956)



A Two Week Online National Level Orientation cum Faculty Development Program
On



"Dynamics of Effective, Efficient & Engrossing Teaching in Liberal Arts, Social Sciences, Science & Technology, Management & Humanities"

Organized by

Internal Quality Assurance Cell (IQAC), Himalayiya University, Dehradun, Uttarakhand

This is to Certify that Samir Bhowmik

Assistant Professor, Department of Commerce, Holy Cross College, Agartala. Tripura has Successfully Completed all Sessions of Two Week Online National Level Orientation cum Faculty Development Program (FDP) on "Dynamics of Effective, Efficient & Engrossing Teaching in Liberal Arts, Social Sciences, Science & Technology, Management & Humanities" organized by Internal Quality Assurance Cell (IQAC), Himalayiya University, Dehradun, Uttarakhand from 18th to 30th March, 2024 at 5:00 pm to 7:30 pm.

(Prof. K.N Jena) Vice-Chancellor

(Dr. Anup Baluni) Convener FDP & IAOC Co-ordinator



Sugmita Ranariaa



This is to certify that	Susinita Danei jee		, Assistant Prof	fessor/ Teacher
/Research Scholar/ /Student,	Research Schol	lar, Tripura	University	
successfully participated in	the '5 Day FDP cun	n National	Workshop on	Strategies for
Assimilation of IKS with M	Iodern Education Sys	tem', organ	ized by the Co	entral Sanskrit
University Ekalavya Campus,	Agartala in joint colla	aboration wi	ith the Departm	ent of History,
Holy Cross College, Agartala	held from 18th to 22r	nd March 20	24. We comme	end your active
involvement with GradeA	and thus cont	ributing to 1	the success of t	he 5 Day FDP
cum National Workshop.	mee	Fr. Benny 60		p. x. mdalon

Ms. Smita Debnath Coordinator, 5 Day FDP cum National Workshop Holy Cross College, Agartala Dr. Suman Acharjee Coordinator, FDC, CSU, Ekalavya Campus Dr. Fr. Benny K. John, CSC Principal, Holy Cross College, Agartala Prof. Prabhat Kumar Mohapatra Director, Central Sanskrit University Ekalavya Campus, Agartala



### CERTIFICATE

This is to certify that Dr. Susmita Bhattacharjee, Assistant Professor

Of Holy Cross College, Tripura

has participated in One Week International Webinar - cum - Faculty

Development Programme on Recent Advances - Future Trends in Artificial

Intelligence and Cyber Security from 14<sup>th</sup> – 20<sup>th</sup> November 2023 organized by the

Department of Computer Science, JMJ College for Women (Autonomous), Tenali

Convener

Dr. Sr. F. Amul Mary

**Principal** 

Dr. Sr. Shiny K.P







#### **CERTIFICATE OF PARTICIPATION**

#### **NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME**

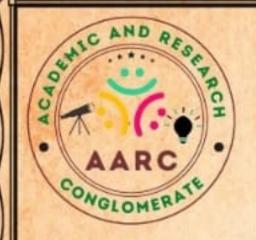
This is to certify that *Dr. Sandeep Roy Sarkar*, *Assistant Professor* of *Holy Cross College*, *Agartala* has successfully completed the NEP 2020 Orientation & Sensitization Programme (MMC-005-2024-MAR-B-01088) under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by Malviya Mission TeacherTraining Centre, Assam University, Silchar, from *March 18<sup>th</sup> to March 31<sup>st</sup>*, 2024.

Coordinator/Director (MM-TTC, AUS)

Course Coordinator & Co-Coordinator (MM-TTC, AUS)

Date of Issue: 04/04/2024

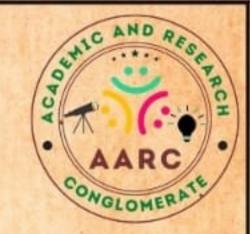






"Achieving Excellence Together"

FDP DIVISION, A.C.T ACADEMY REG.NO:TN/03/0147366 UNDER MSME TAMIL NADU, INDIA www.actacademy.in



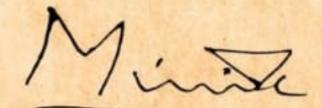
# CERTIFICATE

- OF PARTICIPATION-This certificate is awarded to

DR. DEBASISH DATTA
ASSISTANT PROFESSOR
DEPARTMENT OF HISTORY
HOLY CROSS COLLEGE, AGARTALA
WEST TRIPURA

for actively attending the One Week National Level Faculty Development Programme on 'NAAC Assessment and Accreditation: Procedures and Processes' from 11.09.2023 to 17.09.2023, conducted by A.C.T. Academy, Tamil Nadu in Association with Academic and Research Conglomerate

Date of Issue: 18-09-2023



Prof.(Dr) Soudamini Menon (Retd)
Director, ACT Academy
Tamil Nadu



# DON BOSCO COLLEGE

Globethics

TC PALYA, BENGALURU

In Collaboration With
Globethics South Asia Centre
Bangalore

# ONE WEEK INTERNATIONAL FACULTY DEVELOPMENT PROGRAMME CRAFTING EXCELLENCE: RESEARCH AND INNOVATION IN THE AGE OF AI

Date: 21 January, 2024 to 27 January, 2024

# CERTIFICATE OF PARTICIPATION

This is to certify that Debasish Datta of Holy Cross College, Agartala

participated in the ONE WEEK INTERNATIONAL FACULTY DEVELOPMENT PROGRAMME CRAFTING EXCELLENCE: RESEARCH AND INNOVATION IN THE AGE OF AI.

Principal

Certificate ID
DBCBLRGIFDP0053

**IQAC Director** 

Credit Hour: 24 Hours Certificate No. HU/IOAC-24/FDP/277



# Himalayiya University, Dehradun, India

(Established under the Himalayiya University Act, 2019, Uttarakhand Act No.-08 of 2019 and enlisted under section 2f of UGC Act 1956)



A Two Week Online National Level Orientation cum Faculty Development Program



"Dynamics of Effective, Efficient & Engrossing Teaching in Liberal Arts, Social Sciences, Science & Technology, Management & Humanities"

Organized by

Internal Quality Assurance Cell (IQAC), Himalayiya University, Dehradun, Uttarakhand

This is to Certify that Debasish Datta

Assistant Professor, Department of History, Holy Cross College, Agartala has Successfully Completed all Sessions of Two Week Online National Level Orientation cum Faculty Development Program (FDP) on "Dynamics of Effective, Efficient & Engrossing Teaching in Liberal Arts, Social Sciences, Science & Technology, Management & Humanities" organized by Internal Quality Assurance Cell (IQAC), Himalayiya University, Dehradun, Uttarakhand from 18th to 30th March, 2024 at 5:00 pm to 7:30 pm.

(Prof. K.N Jena) Vice-Chancellor

(Dr. Anup Baluni) Convener FDP & IAOC Co-ordinator





This is to certify that Sukanya Sen	, Assistant Professor/ Teacher
/Research Scholar/ /Student, Assistant Professor, Holy Cross College, Agarta	la
successfully participated in the '5 Day FDP cum National	Workshop on Strategies for
Assimilation of IKS with Modern Education System', orga	nized by the Central Sanskrit
University Ekalavya Campus, Agartala in joint collaboration v	vith the Department of History,
Holy Cross College, Agartala held from 18th to 22nd March 2	024. We commend your active
involvement with Grade _ A _ and thus contributing to	the success of the 5 Day FDP
cum National Workshop.  Behrijee	g. x. mohalas

Ms. Smita Debnath Coordinator, 5 Day FDP cum National Workshop Holy Cross College, Agartala Dr. Suman Acharjee Coordinator, FDC, CSU, Ekalavya Campus Dr. Fr. Benny K. John, CSC Principal, Holy Cross College, Agartala Prof. Prabhat Kumar Mohapatra Director, Central Sanskrit University Ekalavya Campus, Agartala





# **CERTIFICATE** of Participation

This Certificate is awarded to

### Sukanya Sen

for attending the FDP on 'Navigating the Teaching-Learning Environments in HEI', organised by the Department of Psychology, CHRIST (Deemed to be University), Kengeri Campus, between 01 and 07 April, 2024.

Alladalai.

DR MADALAIMUTHU A

FACULTY COORDINATOR ORGANISING COMMITTEE

SH.

DR. DIVYA SUNDARAM

PROGRAMME COORDINATOR
DEPARTMENT OF PSYCHOLOGY

Q Latoria

FR. JIBY JOSE E

DIRECTOR
SCHOOL OF SOCIAL SCIENCES







#### CERTIFICATE OF PARTICIPATION

#### **NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME**

This is to certify that Ms. SUKANYA SEN, Assistant Professor from Holy Cross College, Agartala, Tripura has completed the NEP 2020 Orientation & Sensitization Programme (MMC-049-2024-JULY-A-00513) under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by Malaviya Mission Teacher Training Centre (MMTTC), University of Calicut from 01.07.2024 to 10.07.2024.



-

DIRECTOR

Malaviya Mission Teacher Training Centre (MMTTC)

University of Calicut

Thenhipalam-673635, Kerala-India

Director/Coordinator (MM-TTC)





This is to certify that

Prof. / Dr. / Mr. /Ms. / Mrs. Mandrita Saha

Assistant Professor, Holy Cross College, Agartala

has participated

IN THE 7-DAY NATIONAL LEVEL FDP/WORKSHOP ON "EMERGING DYNAMICS AND TRENDS IN RESEARCH METHODOLOGY & RESEARCH PUBLICATIONS"

organised by

Internal Quality Assurance Cell (IQAC) & Centre for Counselling Psychology

In Collaboration with the Faculty of Science and Humanities of

Holy Cross College, Agartala, with Grade A+

Accredited by NAAC with 'A+' Grade (Cycle 2)

on 29th June to 05th July, 2023

Ligener

Dr. Sushobhan Sengupta

Smt. Moushumi Jena

Co-ordinator

Principal

Convener

Jubatara, P.O., Lembucherra, Tripura W.- 799009, Phone: +91 9402315672, www.holycrosscollege.in





"Achieving Excellence Together"

FDP DIVISION, A.C.T ACADEMY
REG.NO:TN/03/0147366 UNDER MSME
TAMIL NADU, INDIA
www.actacademy.in



## CERTIFICATE

- OF PARTICIPATION-This certificate is awarded to

MS. MANDRITA SAHA
ASSISTANT PROFESSOR
DEPARTMENT OF COMPUTER SCIENCE
HOLY CROSS COLLEGE
WEST TRIPURA

for actively attending the One Week National Level Faculty Development Programme on 'NAAC Assessment and Accreditation: Procedures and Processes' from 11.09.2023 to 17.09.2023, conducted by A.C.T. Academy, Tamil Nadu in Association with Academic and Research Conglomerate

Date of Issue: 18-09-2023

Ministe

Prof.(Dr) Soudamini Menon (Retd)
Director, ACT Academy
Tamil Nadu





This is to certify that

Prof. / Dr. / Mr. /Ms. / Mrs. Biswarupa Datta.

Assistant Professor, Holy Cross College

has participated

IN THE 7-DAY NATIONAL LEVEL FDP/WORKSHOP ON "EMERGING DYNAMICS AND TRENDS IN RESEARCH METHODOLOGY & RESEARCH PUBLICATIONS"

organised by

Internal Quality Assurance Cell (IQAC) & Centre for Counselling Psychology
In Collaboration with the Faculty of Science and Humanities of

Holy Cross College, Agartala, with Grade A+

Accredited by NAAC with 'A+' Grade (Cycle 2)

on 29th June to 05th July, 2023

Sigena

Dr. Sushobhan Sengupta

Convener

Smt. Moushumi Jena Co-ordinator Dr. Fr. Benny K John, CSC

Principal

Jubatara, P.O., Lembucherra, Tripura W.- 799009, Phone: +91 9402315672, www.holycrosscollege.in











#### **Awarded To**

### Dr. Rakesh Deb Roy

Participated in 5 Days International Faculty Development Program on

#### **Digital Marketing**

organized by MIT Arts Commerce & Science College (Autonomous)- Maharashtra,
Nishitha Degree College (Autonomous) - Nizamabad, Telangana,
Seshadripuram College Tumakuru, Karnataka
P.B. Siddhartha College of Arts and Science -Andhra Pradesh
in Collaboration with ExcelR Edtech Pvt. Ltd.

**Date:** 27<sup>th</sup> May to 31<sup>st</sup> May 2024.

Dr. B. B. Waphare,

Dr. B. B. Waphare, Principal, MIT Arts Commerce And Science College **Dr. K Swapna,** Principal, Nishitha Degree College Dr. JAGADEESHA G T

Principal, Seshadripuram College

Pri llege

**Dr. M. Ramesh**Principal, P B Siddhartha
College of
Arts & Science

Ram Tavva

CEO, ExcelR Edtech Pvt. Ltd.

Cert No: EXCELR-FDP-72723/07062024







#### CERTIFICATE OF PARTICIPATION

#### **NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME**

This is to certify that **Dr BISWARUPA DATTA**, Assistant Professor from Holy Cross College, Jubatara, Tripura has completed the NEP 2020 Orientation & Sensitization Programme (MMC-049-2024-MAY-A-00509) under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by Malaviya Mission Teacher Training Centre (MMTTC), University of Calicut **from 06.05.2024 to 15.05.2024**.



Louis

DIRECTOR

Malaviya Mission Teacher Training Centre(MMTTC)
University of Calicut
Thenhipalam-673635, Kerala-India

**Director/Coordinator (MM-TTC)** 





This is to certify that Genesis Debbarma	_, Assistant Professor/ Teacher			
/Research Scholar/ /Student, Assistant Professor, Holy Cross College, Agartala				
successfully participated in the '5 Day FDP cum National	Workshop on Strategies for			
Assimilation of IKS with Modern Education System', organ	ized by the Central Sanskrit			
University Ekalavya Campus, Agartala in joint collaboration w	ith the Department of History,			
Holy Cross College, Agartala held from 18th to 22nd March 20	24. We commend your active			
involvement with Grade _ A and thus contributing to	the success of the 5 Day FDP			
cum National Workshop.  Behrijee  Behrijee	2.x.mdalm			

Ms. Smita Debnath Coordinator, 5 Day FDP cum National Workshop

Holy Cross College, Agartala Dr. Suman Acharjee Coordinator, FDC, CSU, Ekalavya

, CSU, Ekalavya Campus Dr. Fr. Benny K. John, CSC Principal,

Holy Cross College, Agartala

Prof. Prabhat Kumar Mohapatra Director, Central Sanskrit

University Ekalavya Campus, Agartala







#### CERTIFICATE OF PARTICIPATION

#### **NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME**

Dated: 23.03.2024

Director/Coordinator (MM-TTC)



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

Assistant Professor, Holy Cross College, Agartala

has participated

IN THE 7-DAY NATIONAL LEVEL FDP/WORKSHOP ON "EMERGING DYNAMICS AND TRENDS IN RESEARCH METHODOLOGY & RESEARCH PUBLICATIONS"

organised by

Internal Quality Assurance Cell (IQAC) & Centre for Counselling Psychology
In Collaboration with the Faculty of Science and Humanities of

Holy Cross College, Agartala, with Grade A+

Accredited by NAAC with 'A+' Grade (Cycle 2)

on 29th June to 05th July, 2023

Jugana

Dr. Sushobhan Sengupta

Convener

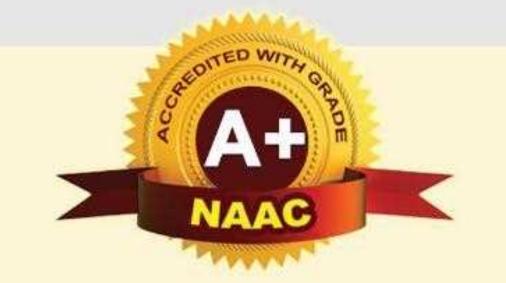
Smt. Moushumi Jena Co-ordinator Dr. Fr. Benny K John, CSC

Principal

Jubatara, P.O., Lembucherra, Tripura W.- 799009, Phone: +91 9402315672, www.holycrosscollege.in



# HOLY CROSS COLLEGE, AGARTALA



Accredited by NAAC with 'A+' Grade (Cycle:02) www.holycrosscollege.in

# Certificate of Participation

This is to certify that

# **Genesis Debbarma**

Assistant Professor, Holy Cross College, Agartala

has participated in the

Online Workshop on 
"Intellectual Property Rights (IPR) and IP Management for Start Up"

organised by Department of Business Administration, Holy Cross College, Agartala

Date: 27th March, 2024

Ms. Rupa Saha

Rupa Saha

Coordinator

Dr. Fr. Benny K John, CSC

Principal, Holy Cross College

Jubatara, P.O., Lembucherra, Tripura W.- 799009, Phone: +91 9402315672, www.holycrosscollege.in



#### STAR INTERNATIONAL

#### Foundation for Research and Education

(Registered Under Indian Trust Act, ISO Certified and 12AA & 80G Approved Organisation)
Tiruchengode-637211, Namakkal-Dt, Tamil Nadu, India

### e-Certificate of Recognition

This is to certify that Prof/Dr/Mr/Ms Genesis Debbarma, Assistant Professor of Sociology,

Holy Cross College, Agartala, has actively participated in "ONE DAY ONLINE

FACULTY DEVELOPMENT PROGRAM ON AI TOOLS FOR TEACHING" organized

by Star International Foundation for Research and Education on 22.06.2024



Dr.S. Sekar Founder / Managing Trustee



# Teaching Learning Centre Ramanujan College, University of Delhi (Accredited Grade 'A++' by NAAC)



under the aegis of

MINISTRY OF EDUCATION

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING

This is to certify that

#### **Genesis Debbarma**

of

Department of Sociology, Holy Cross College, Agartala, West Tripura has Successfully Completed online two - week Interdisciplinary Refresher Course in

#### "ADVANCED RESEARCH METHODOLOGY"

from 25 February - 09 March, 2024 and obtained Grade <u>A+</u>.



Blockchain Hash: 0x5e133fc40f5184af5aedd39f11144a71e45faed72cf33d536973bd21bb06b3dc

Sphoomel

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

Dr. Sachin Tomer

(Convenor)
Ramanujan College



### STAR INTERNATIONAL

#### Foundation for Research and Education

(Registered Under Indian Trust Act, ISO Certified and 12AA & 80G Approved Organisation)
Tiruchengode-637211, Namakkal-Dt, Tamil Nadu, India

## e-Certificate of Recognition

This is to certify that Prof/Dr/Mr/Ms Rebecca Debbarma, Assistant professor in English,

Holy Cross College, has actively participated in "ONE DAY ONLINE FACULTY

DEVELOPMENT PROGRAM ON AI TOOLS FOR TEACHING" organized by Star

International Foundation for Research and Education on 22.06.2024

Dr.S. Sekar Founder / Managing Trustee

Certificate ID HW0BAE-CE000060

### HOLY CROSS COLLEGE

Accredited by NAAC with 'A+' Grade (Cycle:02)





### Certificate of Participation

This is to certify that

#### REBECCA DEBBARMA

#### Holy Cross College, Agartala

has participated in the

One-Day Workshop on "Intellectual Property Rights"

Organized by Department of Human Physiology
in collaboration with Institution's Innovation Council (IIC) and
Internal Quality Assurance Cell (IQAC) of Holy Cross College, Agartala
on 13th August 2024.

(au

Dr. Susmita Saha Convener Head, Dept. of Human Physiology, HCC Dr. Sushobhan Sengupta IQAC Coordinator & Asst. Professor Dept. of Business Administration, HCC Dr. Fr. Benny K) John, CSC Principal Holy Cross College



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

Assistant Professor, Holy Cross College, Agartala

has participated

IN THE 7-DAY NATIONAL LEVEL FDP/WORKSHOP ON "EMERGING DYNAMICS AND TRENDS IN RESEARCH METHODOLOGY & RESEARCH PUBLICATIONS"

organised by

Internal Quality Assurance Cell (IQAC) & Centre for Counselling Psychology In Collaboration with the Faculty of Science and Humanities of

Holy Cross College, Agartala, with Grade\_

Accredited by NAAC with 'A+' Grade (Cycle 2) on 29th June to 05th July, 2023

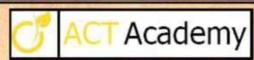
Sigenar

Smt. Moushumi Jena Co-ordinator

Principal

Convener

Jubatara, P.O., Lembucherra, Tripura W.- 799009, Phone: +91 9402315672, www.holycrosscollege.in



"Achieving Excellence Together"

FDP DIVISION, A.C.T ACADEMY
REG.NO:TN/03/0147366 UNDER MSME
TAMIL NADU, INDIA
www.actacademy.in



### CERTIFICATE

- OF PARTICIPATION-This certificate is awarded to

MR. ABHIJIT DEY
ASSISTANT PROFESSOR
DEPARTMENT OF POLITICAL SCIENCE
HOLY CROSS COLLEGE AGARTALA
WEST TRIPURA

for actively attending the One Week National Level Faculty Development Programme on 'NAAC Assessment and Accreditation: Procedures and Processes' from 11.09.2023 to 17.09.2023, conducted by A.C.T. Academy, Tamil Nadu in Association with Academic and Research Conglomerate

Date of Issue: 18-09-2023

Ministe

Prof.(Dr) Soudamini Menon (Retd)
Director, ACT Academy
Tamil Nadu







#### CERTIFICATE OF PARTICIPATION

#### **NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME**

This is to certify that **Dr DIPANWITA CHAUDHURI SIL**, Assistant Professor from Holy Cross College, Agartala, Tripura has completed the NEP 2020 Orientation & Sensitization Programme (MMC-049-2024-APR-A-00507) under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by Malaviya Mission Teacher Training Centre (MMTTC), University of Calicut **from 01.04.2024 to 11.04.2024**.



DIRECTOR

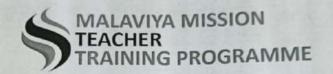
Malaviya Mission Teacher Training Centre(MMTTC)

University of Calicut

Director/Coordinator (MM-TTC)

Code: MMC-018-2023-NOV-B-00564







#### CERTIFICATE OF PARTICIPATION

#### NEP 2020 Orientation & Sensitization Programme

Mona khare

(Prof. Mona Khar Director, UGC-MMT NIEPA, New Delh

Credit Hour: 24 Hours Certificate No. HU/IQAC-24/FDP/271



#### Himalayiya University, Dehradun, India

(Established under the Himalayiya University Act, 2019, Uttarakhand Act No.-08 of 2019 and enlisted under section 2f of UGC Act 1956)



A Two Week Online National Level Orientation cum Faculty Development Program
On



"Dynamics of Effective, Efficient & Engrossing Teaching in Liberal Arts, Social Sciences, Science & Technology, Management & Humanities"

Organized by

Internal Quality Assurance Cell (IQAC), Himalayiya University, Dehradun, Uttarakhand

This is to Certify that Barnita Majumder

Assistant Professor, Department of English, Holy Cross College, Agartala has Successfully Completed all Sessions of Two Week Online National Level Orientation cum Faculty Development Program (FDP) on "Dynamics of Effective, Efficient & Engrossing Teaching in Liberal Arts, Social Sciences, Science & Technology, Management & Humanities" organized by Internal Quality Assurance Cell (IQAC), Himalayiya University, Dehradun, Uttarakhand from 18th to 30th March, 2024 at 5:00 pm to 7:30 pm.

(Prof. K.N Jena) Vice-Chancellor (Dr. Anup Baluni) Convener FDP & IAQC Co-ordinator

## CERTIFICATE

OF PARTICIPATION

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

# Barnita Majumder

has participated in a 5- day Faculty Development Programme on "E- Learning Content Development" held from 21-25 January 2024 organized by the

Department of English ,SKIT, Jaipur.

S. K. Swana

Dr. S.L. Surana
Director (Academics)
SKIT, Jaipur

Dr. Anupriya Singh Coordinator,FDP SKIT, Jaipur Dr. Geetika Patni Coordinator,FDP SKIT, Jaipur Dr. Shipra Malik Coordinator,FDP SKIT, Jaipur

hiprahable



#### Shri Vishnu Engineering College for Women (A), Bhimavaram

Vishnupur, West Godavari District, Bhimavaram, Andhra Pradesh 534202 Department of Computer Science & Engineering



One Week National Level Online Faculty Development Program On Generative AI Models and Applications of Machine Learning 21-25 May 2024

#### **CERTIFICATE OF PARTICIPATION**

This Certificate is Presented To

#### Dr. Susanta Banik

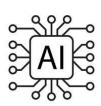
from Holy Cross College Agartala for participating in One Week National Level Online Faculty Development Program on Generative AI Models and Applications of Machine Learning from 21-05-2024 to 25-05-2024 organized by the Department of Computer Science & Engineering at Shri Vishnu Engineering College for Women(A). He/she has demonstrated a commendable commitment to professional development by satisfactorily completing all required assessments and maintaining attendance throughout the program.

Dr. P. Kiran Sree Convenor HOD-CSE

Dr G. Srinivasa Rao Chief-Patron PRINCIPAL















#### CERTIFICATE OF PARTICIPATION

#### **NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME**

This is to certify that \_\_\_\_\_\_ Dr. Susanta Banik \_\_\_\_\_\_ from \_\_\_\_\_\_ Holy Cross College, Agartala has completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by Malaviya Mission Teacher Training Centre (MM-TTC), Tripura University, Suryamaninagar, Tripura \_\_\_\_\_\_\_ from \_\_\_\_\_\_ 11.03.2024\_to \_\_\_\_\_\_\_ 22.03.2024

Dated: 23.03.2024

**Director/Coordinator (MM-TTC)** 



MAHARAJA SURAJMAL INSTITUTE

(Aff. to GGS Indraprastha University, Delhi)

Institute under the aegis of Surajmal Memorial Education Society (SMES, 1972)

MINISTRY OF EDUCATION

Rated as Category 'A+' by SFRC & 'A' by JAC Govt. of NCT of Delhi Approved by BCI & AICTE And Recognised U/s 2(f) of UGC Act

under the aegis of

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING

Ministry of Education Government of India

This is to certify that

#### Sara Debbarma

#### Holy Cross College, Agartala

has Successfully Completed online two - week Interdisciplinary Refresher Course in

#### "ADVANCED RESEARCH METHODOLOGY"

from 22 September – 06 October, 2023 and obtained Grade A+.





Blockchain Hash: 0x25ab4e34f683de9fd09183cc7f1dd8b59b9094961a9b955426eacf12c4bca39c

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

Prof. (Dr.) Harish Singh (Director) Maharaja Surajmal Institute

Dr. Nikhil Kr. Rajput (Deputy Director) TLC, Ramanujan College







#### CERTIFICATE OF PARTICIPATION

#### **NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME**

This is to certify that Sara Debbarma from
Tripura University, Agartala

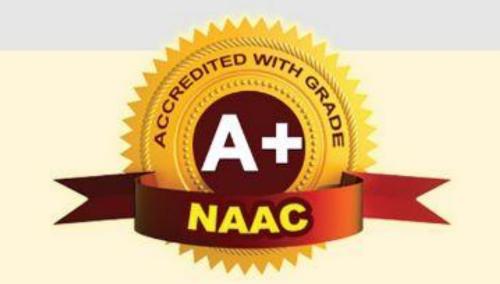
has completed the NEP 2020 Orientation & Sensitization Programme under Malaviya
Mission Teacher Training Programme (MM-TTP) of University Grants Commission
(UGC) Organized by Malaviya Mission Teacher Training Centre (MM-TTC),
Tripura University, Suryamaninagar, Tripura from 11.03.2024 to 22.03.2024

Dated: 23.03.2024

Director/Coordinator (MM-TTC)



# HOLY CROSS COLLEGE, AGARTALA



Accredited by NAAC with 'A+' Grade (Cycle:02) www.holycrosscollege.in

# Certificate of Participation

This is to certify that

# Sara Debbarma

Assistant Professor, Holy Cross College

has participated in the

Online Workshop on "Intellectual Property Rights (IPR) and IP Management for Start Up"

organised by Department of Business Administration, Holy Cross College, Agartala

Date: 27th March, 2024

Ms. Rupa Saha

Rupa Saha

Coordinator

Dr. Fr. Benny K John, CSC

Principal, Holy Cross College

Jubatara, P.O., Lembucherra, Tripura W.- 799009, Phone: +91 9402315672, www.holycrosscollege.in



# Certificate of Participation



This is to certify that Sara Debbarma	_, Assistant Professor/ Teacher
/Research Scholar/ /Student, Assistant Professor, Holy Cross College, Agartala	a
successfully participated in the '5 Day FDP cum National	Workshop on Strategies for
Assimilation of IKS with Modern Education System', organ	nized by the Central Sanskrit
University Ekalavya Campus, Agartala in joint collaboration w	ith the Department of History,
Holy Cross College, Agartala held from 18th to 22nd March 20	024. We commend your active
involvement with Grade _ A and thus contributing to	the success of the 5 Day FDP
cum National Workshop.  Behriee  Bennyee	2.x.mdelon

Ms. Smita Debnath Coordinator, 5 Day FDP cum National Workshop Holy Cross College, Agartala Dr. Suman Acharjee Coordinator, FDC, CSU, Ekalavya Campus Dr. Fr. Benny K. John, CSC Principal, Holy Cross College, Agartala Prof. Prabhat Kumar Mohapatra Director, Central Sanskrit University Ekalavya Campus, Agartala



### HOLY CROSS COLLEGE, AGARTALA

Accredited by NAAC with 'A+' Grade (Cycle:02) www.holycrosscollege.in



## Certificate of Participation

This is to certify that

Qaxa Debbarma (Faculty)

Reportment of Causingy

has participated in the

#### TWO DAYS' SELF-DEFENSE WORKSHOP

organised by the Internal Complaints Committee (ICC), Holy Cross College, Agartala, in collaboration with Sanjib Karate School, Barjala, Agartala

Date: 09th -10th April, 2024

Freeziding Officer The Internal Complaints Committee (ICC) Holy Cross College, Agertals

Ms. Sangita Chakraborty

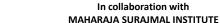
Organizer Holy Cross College, Agertals Mr. Sanjib Sutradhar Karate 5th Dan Black Belt Principal.

Sanjib Karate School

Dr. Fr. Benny K. John, CSC Principal

Holy Cross College





(Aff. to GGS Indraprastha University, Delhi)

Institute under the aegis of Surajmal Memorial Education Society (SMES, 1972)

MINISTRY OF EDUCATION

Rated as Category 'A+' by SFRC & 'A' by JAC Govt. of NCT of Delhi
Approved by BCI & AICTE And Recognised U/s 2(f) of UGC Act

under the aegis of

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

#### Ms. Lalremsangi Hrangkhawl

of

#### Department of Education, Holy Cross college, Tripura university

has Successfully Completed online two - week Interdisciplinary Refresher Course in

#### "ADVANCED RESEARCH METHODOLOGY"

from 22 September – 06 October, 2023 and obtained Grade <u>A</u>.





Blockchain Hash: 0x93818b221f8c97d4146000d8f7d43f2f92a9d944ad75fc3dcd4f558058ff7bb6

SpA 38

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

Prof. (Dr.) Harish Singh (Director) Maharaja Surajmal Institute Nicaput.

Dr. Nikhil Kr. Rajput (Deputy Director) TLC, Ramanujan College



#### **HOLY CROSS COLLEGE, AGARTALA**





This is to certify that

Lalremsangi Hrangkhawl, Assistant Professor

Holy Cross College, Agartala

has participated

in the 3-Day National Workshop on "Research Methodology"

organised by Department of Sociology, Holy Cross College, Agartala, Tripura West

on 16,17 L 18th November, 2023.

Ms. Sentienla

Convener HoD, Dept. of Sociology, HCC Sharmistha Chakraborty

Dr. Sharmistha Chakraborty

Co-Convener

Asst. Professor, Dept. of Sociology, HCC

Dr. Fr. Benny K John, CSC

Principal,

Holy Cross College



# Certificate of Participation



This is to certify that Lalremsangi Hranghawl	_, Assistant Professor/ Teacher
/Research Scholar/ /Student, _Assistant Professor, Holy Cross College, Agant	ala.
successfully participated in the '5 Day FDP cum National	Workshop on Strategies for
Assimilation of IKS with Modern Education System', organ	nized by the Central Sanskrit
University Ekalavya Campus, Agartala in joint collaboration w	ith the Department of History,
Holy Cross College, Agartala held from 18th to 22nd March 2	024. We commend your active
involvement with Grade and thus contributing to	the success of the 5 Day FDP
cum National Workshop.  The Marie Company of the Co	p.r.ndelon

Ms. Smita Debnath Coordinator, 5 Day FDP cum National Workshop Holy Cross College, Agartala

Dr. Suman Acharjee Coordinator, FDC, CSU, Ekalavya Campus

Helmee

Dr. Fr. Benny K. John, CSC Principal, Holy Cross College, Agartala

K.K. mohalm Prof. Prabhat Kumar Mohapatra Director, Central Sanskrit University Ekalavya Campus, Agartala







#### CERTIFICATE OF PARTICIPATION

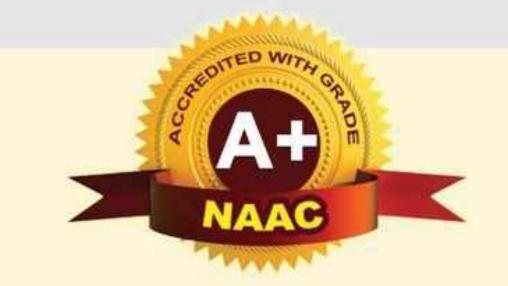
#### **NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME**

Dated: 23.03.2024

Director/Coordinator (MM-TTC)



# HOLY CROSS COLLEGE, AGARTALA



Accredited by NAAC with 'A+' Grade (Cycle:02)
www.holycrosscollege.in

# Certificate of Participation

This is to certify that

# Lalremsangi Hrangkhawl

Assistant professor, Holy Cross college, Agartala

has participated in the

Online Workshop on 
"Intellectual Property Rights (IPR) and IP Management for Start Up"

organised by Department of Business Administration, Holy Cross College, Agartala

Date: 27th March, 2024

Rupa Saha Ms. Rupa Saha

Coordinator

Dr. Fr. Benny K John, CSC

Principal, Holy Cross College

Jubatara, P.O., Lembucherra, Tripura W.- 799009, Phone: +91 9402315672, www.holycrosscollege.in



# Certificate of Participation



This is to certify that Lalremsangi Hranghawl	_, Assistant Professor/ Teacher
/Research Scholar/ /Student, Assistant Professor, Holy Cross College, Agarta	ıla.
successfully participated in the '5 Day FDP cum National	Workshop on Strategies for
Assimilation of IKS with Modern Education System', organ	nized by the Central Sanskrit
University Ekalavya Campus, Agartala in joint collaboration w	ith the Department of History,
Holy Cross College, Agartala held from 18th to 22nd March 20	024. We commend your active
involvement with Grade and thus contributing to	the success of the 5 Day FDP
cum National Workshop.	2. r. mdalon

Ms. Smita Debnath Coordinator, 5 Day FDP cum National Workshop Holy Cross College, Agartala

Dr. Suman Acharjee Coordinator, FDC, CSU, Ekalavya Campus

Hempee

Dr. Fr. Benny K. John, CSC Principal, Holy Cross College, Agartala

K.K. molalar Prof. Prabhat Kumar Mohapatra Director, Central Sanskrit University Ekalavya Campus, Agartala

#### CERTIFICATE

#### OF PARTICIPATION











#### Sayanika Sengupta

Holy Cross College, Agartala

has participated in

5 Days Faculty Development Program on "Effect of Generative AI in Modern Research and Industry",

organized by Department of Computer Science, Sister Nivedita University, Kolkata, India conducted from 29th April 2024 – 3rd May 2024

Prof. (Dr.) Dhrubajyoti Chattopadhya

Prof. (Dr.) Dhrubajyoti Chattopadhyay Vice-Chancellor, Sister Nivedita University

Dr. Sanku Bose, Group Chief Executive Officer, Techno India Group Dr. Anirban Mitra,

HoD, Department of Computer Science Sister Nivedita University, India



#### Shri Vishnu Engineering College for Women (A), Bhimavaram

Vishnupur, West Godavari District, Bhimavaram, Andhra Pradesh 534202

Department of Computer Science & Engineering



One Week National Level Online Faculty Development Program On Generative AI Models and Applications of Machine Learning 21-25 May 2024

#### CERTIFICATE OF PARTICIPATION

This Certificate is Presented To

#### Sayanika Sengupta

from Holy Cross College Agartala for participating in One Week National Level Online Faculty Development Program on Generative AI Models and Applications of Machine Learning from 21-05-2024 to 25-05-2024 organized by the Department of Computer Science & Engineering at Shri Vishnu Engineering College for Women(A). He/she has demonstrated a commendable commitment to professional development by satisfactorily completing all required assessments and maintaining attendance throughout the program.

Dr. P. Kiran Sree Convenor HOD-CSE

Morreum

Dr G. Srinivasa Rao Chief-Patron PRINCIPAL















# CERTIFICATE OF PARTICIPATION

# NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME

This is to certify that Dr. SANDIP DEB, Assistant Professor from Holy Cross College, Agartala, West Tripura has completed the NEP 2020 Orientation & Sensitization Programme (MMC-049-2024-MAY-A-00509) under Malaviya Mission Teacher fraining Programme (MM-TTP) of University Grants Commission (UGC) Organized by Malaviya Mission Teacher Training Centre (MMTTC), University of Calicut from 06.05.2024 to 15.05.2024.



Sil.

Malayaya Missan fearbar framing contractMMT to the off the off

Director/Coordinator (MM-TTC)





"Achieving Excellence Together"

FDP DIVISION, A.C.T ACADEMY REG.NO:TN/03/0147366 UNDER MSME TAMIL NADU, INDIA www.actacademy.in



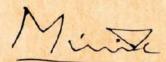
### CERTIFICATE

- OF PARTICIPATION-This certificate is awarded to

MR. JOEL LALENGLIANA DARLONG
ASSISTANT PROFESSOR
DEPARTMENT OF SOCIOLOGY
HOLY CROSS COLLEGE
WEST TRIPURA

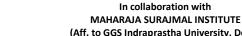
for actively attending the One Week National Level Faculty Development Programme on 'NAAC Assessment and Accreditation: Procedures and Processes' from 11.09.2023 to 17.09.2023, conducted by A.C.T. Academy, Tamil Nadu in Association with Academic and Research Conglomerate

Date of Issue: 18-09-2023



Prof.(Dr) Soudamini Menon (Retd)
Director, ACT Academy
Tamil Nadu





(Aff. to GGS Indraprastha University, Delhi)
Institute under the aegis of Surajmal Memorial Education Society (SMES, 1972)

Rated as Category 'A+' by SFRC & 'A' by JAC Govt. of NCT of Delhi Approved by BCI & AICTE And Recognised U/s 2(f) of UGC Act under the aegis of

MINISTRY OF EDUCATION

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

#### **Joel Lalengliana Darlong**

of

Department of Sociology, Holy Cross College, Jubatara, Lembucherra, Agartala, West Tripura has Successfully Completed online two - week Interdisciplinary Refresher Course in

#### "ADVANCED RESEARCH METHODOLOGY"

from 22 September – 06 October, 2023 and obtained Grade <u>A+</u>.





Blockchain Hash: <a href="https://oxcd16f2e19442b572dc0af6bb091db1d8904ba9d7d6837c777a844896545b59a0">oxcd16f2e19442b572dc0af6bb091db1d8904ba9d7d6837c777a844896545b59a0</a>

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

TLC, Ramanujan College

Prof. (Dr.) Harish Singh (Director) Maharaja Surajmal Institute Dr. Nikhil Kr. Rajput (Deputy Director) TLC, Ramanujan College







#### CERTIFICATE OF PARTICIPATION

#### **NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME**

Dated: 23.03.2024

Director/Coordinator (MM-TTC)



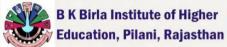
# FDP/ Training Programme On Research Paper Writing



25 NOVEMBER TO 02 DECEMBER 2023



#### **Jointly Organized By**











Sponsored By













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

#### SHARMISTHA CHAKRABORTY

ASSISTANT PROFESSOR, HOLY CROSS COLLEGE

Participated in the FDP/ Training Programme On "RESEARCH PAPER WRITING" Jointly
Organised by B K Birla Institute of Higher Education Pilani-Rajasthan, Research Foundation of
India & RFI-CARE from 25 November to 02 December 2023.

Dr. (Ms.) Beena Narayan
Principal, BK Birla Institute of
Higher Education, Pilani-Rajasthan

Dr. Manish Dubey
President, Central India Board
Research Foundation of India

Dr. Ajay Jain
National Coordinator
Research Foundation of India

Prof. Dr. Ashok Kumar Gupta Chief Managing Director Research Foundation of India Dr. Reshu Jain Director RFI-CARE

Dr. Sourabh Jain Chairman & CEO Research Foundation of India







#### CERTIFICATE OF PARTICIPATION

#### **NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME**

This is to certify that SENTIENLA from Tripura University, Agartala

has completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by Malaviya Mission Teacher Training Centre (MM-TTC), Tripura University, Suryamaninagar, Tripura from 11.03.2024 to 22.03.2024

Dated: 23.03.2024

**Director/Coordinator (MM-TTC)** 





# Certificate of Participation

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

Assistant Professor, Holy Cross College, Agartala

has participated

IN THE 7-DAY NATIONAL LEVEL FDP/WORKSHOP ON "EMERGING DYNAMICS AND TRENDS IN RESEARCH METHODOLOGY & RESEARCH PUBLICATIONS"

organised by

Internal Quality Assurance Cell (IQAC) & Centre for Counselling Psychology
In Collaboration with the Faculty of Science and Humanities of

Holy Cross College, Agartala, with Grade A+

Accredited by NAAC with 'A+' Grade (Cycle 2)

on 29th June to 05th July, 2023

Sigena

Dr. Sushobhan Sengupta

Convener

Smt. Moushumi Jena Co-ordinator Dr. Fr. Benny K John, CSC

Principal

Jubatara, P.O., Lembucherra, Tripura W.- 799009, Phone: +91 9402315672, www.holycrosscollege.in



In collaboration with
MAHARAJA SURAJMAL INSTITUTE

(Aff. to GGS Indraprastha University, Delhi)

Institute under the aegis of Surajmal Memorial Education Society (SMES, 1972)

Rated as Category 'A+' by SFRC & 'A' by JAC Govt. of NCT of Delhi Approved by BCI & AICTE And Recognised U/s 2(f) of UGC Act

MINISTRY OF EDUCATION

under the aegis of

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

#### Ms. Sentienla

of

Department of Sociology, Holy Cross College, Tripura University

has Successfully Completed online two - week Interdisciplinary Refresher Course in

#### "ADVANCED RESEARCH METHODOLOGY"

from 22 September – 06 October, 2023 and obtained Grade <u>A+</u>.



Blockchain Hash: 0x136a132f74be62e43240a1161c2593d4eba2b61cb52b95c0262b02ed89602980

land and

Prof. (Dr.) Harish Singh (Director) Maharaja Surajmal Institute

NR Eajton

Dr. Nikhil Kr. Rajput (Deputy Director) TLC, Ramanujan College

Prof. S. P. Aggarwal

(Principal & Director)
TLC, Ramanujan College

Credit Hour: 24 Hours Certificate No. HU/IOAC-24/FDP/287



## Himalayiya University, Dehradun, India

(Established under the Himalayiya University Act, 2019, Uttarakhand Act No.-08 of 2019 and enlisted under section 2f of UGC Act 1956)



A Two Week Online National Level Orientation cum Faculty Development Program
On



"Dynamics of Effective, Efficient & Engrossing Teaching in Liberal Arts, Social Sciences, Science & Technology, Management & Humanities"

Organized by

Internal Quality Assurance Cell (IQAC), Himalayiya University, Dehradun, Uttarakhand

This is to Certify that

Dr. Shankha Shubhra Bhadra

Assistant Professor, Department of Commerce, Holy Cross College, Agartala has Successfully Completed all Sessions of Two Week Online National Level Orientation cum Faculty Development Program (FDP) on "Dynamics of Effective, Efficient & Engrossing Teaching in Liberal Arts, Social Sciences, Science & Technology, Management & Humanities" organized by Internal Quality Assurance Cell (IQAC), Himalayiya University, Dehradun, Uttarakhand from 18th to 30th March, 2024 at 5:00 pm to 7:30 pm.

(Prof. K.N Jena) Vice-Chancellor

(Dr. Anup Baluni) Convener FDP & IAOC Co-ordinator



#### SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

Ramapuram

#### **COLLEGE OF SCIENCE & HUMANITIES**

(A Place for Transformation)

#### DEPARTMENT OF ENGLISH & OTHER FOREIGN LANGUAGES Organizes

A ONE-WEEK INTERNATIONAL VIRTUAL WORKSHOP ON

#### RESEARCH METHODOLOGY

FOR STUDENTS, SCHOLARS & FACULTY MEMBERS

From



09.10.2023 to 14.10.2023



06.30 p.m. - 07.30 p.m.



Day 1 - 09:10:2023 Dr. Samuel Rufus, Associate Professor in English and Associate Dean of Student Affairs,





Day 2 - 10.10.2023 Dr. K.S. Antonysamy, Professor & Read Department of English Layola Callaga, Chennal.

Topic- Honing Research Article Writing Skills



Day 3 - 11.10.2023 Dr. A. Kavitha, Associate Professor Ethiraj College, Chernoi

Topic-Principles of Research Methodology



Day 4 - 12.10.2023

Dr. Emilda Joshphine,
Professor & Head, Department of English
International Agriculture University,
Tanhant, Uzbakistan.

Tapic - Multi - Model Linguistic Research: Assessment & Evaluation



Day 5 - 13.10.2023

Dr.R. Latha Devi,
Assistant Professor of English
University College of Engineering, Nagercal.
(Anno University Constituent College)



Day 6 - 14.10.2023

Dr(c), Dina Destari,
State Islamic University Sultan Ali
Mahammad Idria
Santariada, East Kolimantan, Indonesia

Topic - Effectual ways to write research papers

Topic -The Future of Qualitative Research in English Education: Emerging Trends and Mathematics

#### REGISTRATION FREE E- CERTIFICATES WILL BE PROVIDED TO ALL THE PARTICIPANTS

Organizing Head

Convenors

Dr. S. Leela

Dr. T. Sri Devi

Prof. & Head/EFL

Mrs. M. Nathiya

Assistant Professors/EFL

f semistemp





FOR ENQUIRIES 1800 102 1525



## SRM INSTITUTE OF SCIENCE AND TECHNOLOGY RAMAPURAM CAMPUS, CHENNAI-89



Faculty of Science and Humanities

Department of English and other Foreign Languages

A One- Week International Virtual Workshop on RESEARCH METHODOLOGY

#### CERTIFICATE OF PARTICIPATION

Sharmili Chakraborty, Holy Cross College, Agartala

has participated in a One- Week International Virtual Workshop on RESEARCH METHODOLOGY held from October 09th to 14th, 2023.

P.

Dr. S. Leela

Prof. & Head/EFL



Dr. V. Saravanan

Vice Principal (Academic)

Meulialyanianay

Maj.Dr. M. Venkatramanan

Dean (S&H)

Made for free with Certify'em



#### Research Ethics in Higher Education - FDP

Register now

Events 2023 Research Ethics in H...

#### About this event

This FDP (Faculty Development Programme) course, organised collaboratively by <u>Globethics South Asia Centre (Bangalore)</u> and Rani Anna Government College for Women, Tirunelveli, is an introduction to moral philosophy and is intended for the student who has had little or no prior exposure to the philosophy of morals and ethics. It will provide a broad but reasonably detailed examination of the central issues of moral philosophy and will also consider how these can be applied to teaching and research.

This FDP course, which is designed for faculty members, research scholars, and students of Masters programmes, has two main goals. First, students will learn about some of the most important theories and figures of moral philosophy in the hope that they can develop a clear understanding of the questions that recur in ethical debate, especially in teaching and research in higher education. Second, students will be encouraged to think about these questions (e.g., "what is morally right action?", "what are my duties to others?", "how important is moral disagreement?") so that they can put these into practise in their professional and personal life.

$\Box$	When	18-25 September 2023 14:00-16:30 IST
0	Where	Online
氘	What	Faculty Development Programme
	Language	English

Register now





# certificate

OF PARTICIPATION

This is to certify that

SHARMILI CHAKRABORTY

Holy Cross College

attended the FDP Course on Research Ethics in Higher Education jointly organised by the PG and Research Department of Commerce, Rani Anna Government College for Women, Tirunelveli & Globethics, South Asia Centre, Bangalore from 18 - 25 September 2023.

Marks Scored: 26 / 30

Dr. C.V. Mythili, Principal.

Rani Anna Government College for Women, Tirunelveli

Oseun

Rev. Dr. Jose Nandhikkara, National Director, Globethics net India & Editor-in-Chief, Journal of Dharma





#### **Bhavan's Tripura College of Teacher Education**

Permanently recognized by National Council for Teacher Education (NCTE). Permanently affiliated to Tripura University (A Central University) & SCERT, Recognized by UGC under section 2 (f) & 12 (B) of UGC Act, 1956.

Accredited NAAC With B++ Grade & An ISO Certified Institution

#### In collaboration with

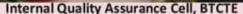


#### **Vidyasagar College of Education**

Rupandighi, Phansidewa, Darjeeling, West Bengal- 734434. Recognized by NCTE & Affiliated to BSAEU, Kolkata

An ISO Certified Institution







Internal Quality Assurance Cell, VCE

Organizes

#### One Week Faculty Development Programme

On

"Teaching Strategies, Research and Innovation"
(ONLINE MODE)

From 23rd June to 30th June 2024

4 P.M. to 5 P.M.

# **PATRON**

**Dr. Rajat Dey Principal, BTCTE** 



Dr. Savita Mishra Principal, VCE

Mrs. Sanchita Mazumdar Associate Prof, BTCTE



**PRESIDENT** 

**CONVENER** 

#### **RESOURCE PERSONS**



Prof. Taraknath Pan

Visva Bharati University



Dr Santanu Bhattacharaya Associate.Prof,IASE



Mr. Paritosh Mahato



**Dr. Mridul Chakraborty** 

Asst.Prof, VCE **Asst.Prof, BTCTE** 



**Prof. Vipin Sharma** Jazan University, Saudi Arabia



Dr. Mukta Goyal Principal, SCERT, Delhi

#### **TECHNICAL EXPERT**



Mr. Sandipan Maity **Incharge Dept of ICT,VCE** 



Mr. Prasenjit Sarkar Office Assistant, BTCTE

Dr. Pritam Mandal Asst.Prof, Michigan University

#### **Organizing Team Theme** "Teaching Strategies, **Patron** Research Dr. Rajat Dev & Innovation" Principal, BTCTE & Dr. Savita Mishra **Area of Discussion** Principal, VCE Day 1 (Technical Session): **President Innovative Teaching Strategies** Mrs. Sanchita Mazumdar **IQAC Coordinator, BTCTE &** Day 2 (Technical Session): **OR Code:** Mrs. Archana Tamang Research work in Teaching Practice **IQAC Coordinator, VCE** Convenor Day 3 (Technical Session): **UPI ID:** Mr. Suman Gupta Professional Development Asst. Prof, BTCTE Opportunities Dr. Mridul Chakraborty Asst. Prof, BTCTE & Day 4 (Technical Session): Mr. Paritosh Mahato Role of Educational Technology in Asst. Prof, VCE Education **Technical Expert** Day 5 (Technical Session): Mr. Sandipan Maity **Utilization of OER** Computer Incharge, VCE & (Open Educational Resource) Mr. Prasenjit Sarkar Office Assistant, BTCTE Day 6 (Technical Session): Procedure of Research Paper writing Day 7 (Technical Session): Artificial intelligence in Education & Research

Last Date of Registration: 20th June

Registration Fee: 200 /-

**Important Date & Time** 

**Registration Link:** 

**Payment** 

prasenjitmbb06-1@okicici **QR Code:** 

**Target Group:** Faculty, Research Scholar

\*\* Certificate will be provide through online.

#### One Day Online Faculty Development Program (FDP)



# Enhancing Education: Leveraging Artificial Intelligence Tools for Teaching

#### Dr. Pawanjeet Kaur

Assistant Professor (Chemistry)
IQAC Member & NSS Coordinator
Placement & Internship Coordinator
Shri Venkateshwara University, Amroha, India
Email: pawanjeet514@gmail.com



# Key Points

Introduction

What is Artificial Intelligence?

**History of AI** 

AI-Powered Tutoring Systems

AI in Content Creation AI for Administrative Tasks

AI for Student Engagement AI for Data Analysis

Challenges and Ethical Considerations

**Examples of AI** in Education

**Conclusion** 

## Introduction

- With the quickly changing employment landscape and global ecosystem, it is crucial that children not only learn, but more importantly learn how to learn.
- Artificial Intelligence is everywhere, possibility is that you are using it in one way or the other and you don't even know about it.
- Artificial Intelligence in education is revolutionizing the way students learn and teachers teach.
- AI tools offer personalized learning experiences, real-time feedback, and advanced analytics to enhance the education process. This presentation will explore the potential of AI in transforming the education landscape.



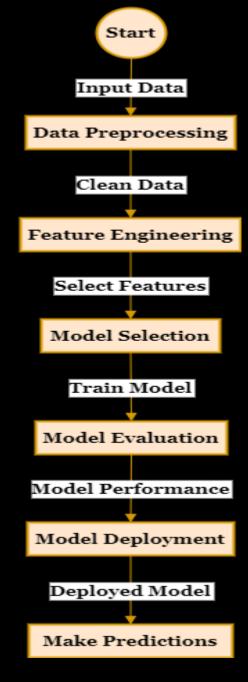
## What is AI?

- ► An Intelligent Entity Created By humans
- Capable of Performing Tasks intelligently without being explicitly instructed.
- Capable of thinking and acting rationally and humanely.
- Artificial Intelligence, or AI, is when computers are programmed to do things that normally require human intelligence, like learning or making decisions.
- ➤It's a way to make machines smart enough to think and act like humans for specific tasks, and it's used in many technologies today, from self-driving cars to voice assistants like Siri and Alexa.

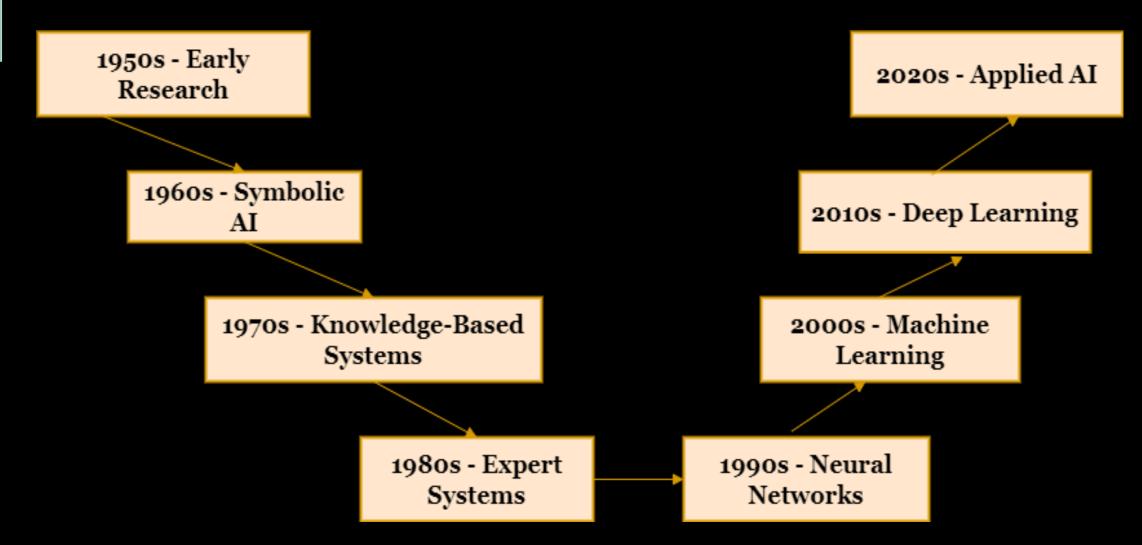


# How does Al Work?

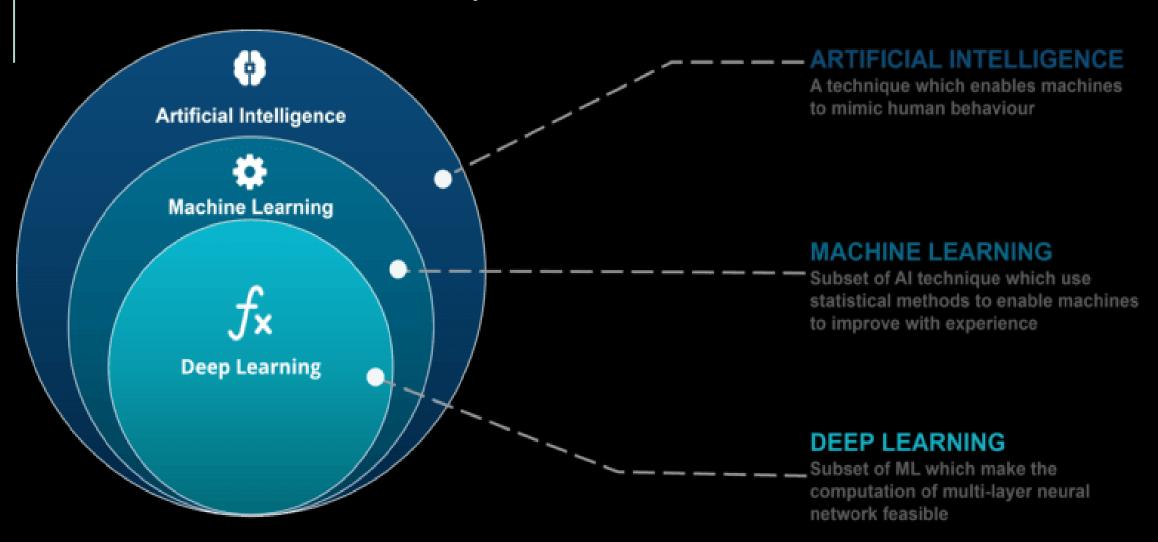
- ➤ Data Collection: AI systems gather large amounts of data from diverse sources.
- ➤ Data Processing: Algorithms analyze and extract patterns, correlations, and trends from the collected data.
- ➤ Algorithm Training: AI algorithms are trained using labeled (supervised) or unlabeled (unsupervised) data to learn patterns and make predictions.
- ➤ Decision Making: AI algorithms use processed data to make decisions or predictions.
- Feedback Loop: AI systems improve accuracy by continuously learning from new data and user interactions.



# History of AI



# AI, ML & DL



## Machine Learning (ML)

- ➤ ML Algorithms analyze data, identify patterns, and make decisions or predictions.
- Examples include spam filters, recommendation systems, and predictive models.

## Deep Learning

- ➤ Subset of ML inspired by the structure and function of the human brain's neural networks.
- ➤ Uses deep neural networks with many layers to learn from large amounts of data.
- Excels in tasks like image and speech recognition, natural language processing, and autonomous driving.

NLP & Computer Vision

- Natural language processing enables computers to comprehend, interpret, and generate human language, allowing seamless interaction between humans and machines.
- ➤ NLP enables the intelligent chatbots virtual assistants development that can engage in natural conversations and provide personalized assistance.
- Computer vision understand digital images and videos and involves techniques like image recognition, object detection, and facial analysis.
- Computer vision powers a wide range of applications, from self driving cars that can detect obstacles to medical imaging tools that can diagnose diseases.



# Al Applications In Industries

### Al Across Industries logistics healthcare automotive retail & e-commerce manufacturing \_ finance energy & oil hospitality education

### Education

- · testing and assessment
- flexible scheduling
- Al writing assistant

#### Healthcare

- · data analysis & mining
- pattern recognition
- Al-assisted treatment plans

### Banking

- customer service chatbots
- fraud detection
- preventing cyber-attacks

### Manufacturing

- Robotics-enabled production systems
- Augmented Reality
- Internet of Things

### Logistics

- handling requests
- feedback collection
- predictive analytics for data analysis

### Transportation

- means to travel
- · navigation systems
- autonomous vehicles

## The Future of AI

- ► Increased automation of routine tasks across industries.
- ▶ Personalized healthcare through AI-driven diagnostics and treatment.
- ► Advancements in autonomous vehicles for safer transportation.
- ► AI-powered chatbots for enhanced customer service interactions.
- >Customized education experiences with adaptive learning and tutoring.
- ➤ Augmentation of human capabilities in decision-making and creativity.
- ► Integration of AI with Internet of Things (IoT) devices for smarter environments.
- ►AI's impact across diverse sectors like finance, agriculture, and entertainment.

# Al Technical Challenges





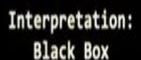


Data Availability: Massive Data Sets

Data Quality: Bias, Scope, Privacy

Computation:







Robustness: Trust



Reasoning: Only Pattern Recognition



### Building Trust

The working of Al lies on the technological side, a lot of which people do not trust and understand

### Al Human Interface

With advancement of AI rising, businesses lack skilled professionals who can work with this technology

### Investment

Al is an expensive technology that not every business owner or manager can invest money into

### **Software Malfunction**

With machines & algorithms controlling Al, it is difficult to identify the cause of mistakes and malfunctions

### Can Replace only Certain Tasks

Like any other technology, Al also has its own limitations; it simply cannot replace all tasks

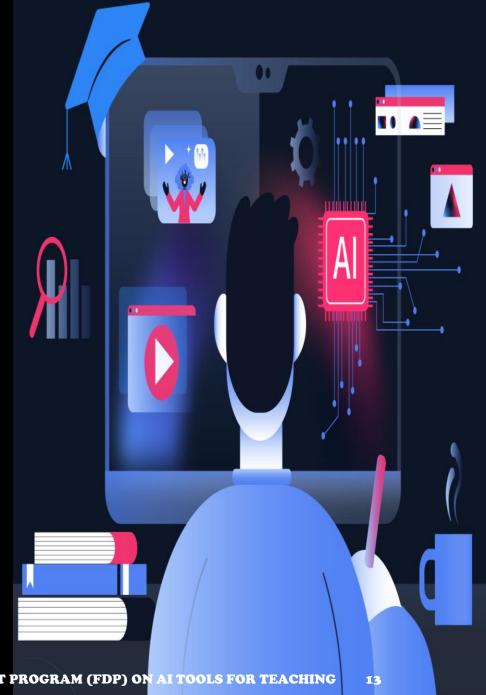
### **High Expectations**

Not everyone understands the functioning of Al and might also have very high expectations of functioning

6

# Al in Education

- > AI is transforming the education landscape.
- From personalized learning automated grading, AI powered tools are enhancing the teaching and learning experience for educators and students.
- ► AI customize learning experiences, track student progress, and offer adaptive tutoring and feedback.



## Al Tools Enhancing Teaching



- Personalized Learning: Tailors content delivery based on student learning patterns.
- Automated Grading: Provides quick and accurate assessment of objective assignments.
- ➤ AI Tutoring: Offers virtual support and immediate feedback to students.
- Data Analytics: Analyzes educational data to improve teaching strategies.
- Collaborative Learning: Facilitates virtual collaboration among students.

## Al Tools Enhancing Teaching

- ➤ Virtual Reality (VR) and Augmented Reality (AR): Creates immersive learning experiences.
- Natural Language Processing (NLP): Facilitates automated essay scoring and language translation.
- ➤ Instant Feedback: Provides real-time assessment and feedback on student work.
- Accessibility: Converts text to speech and offers real-time captioning for inclusivity.
- Administrative Support: Assists with scheduling and resource management.



## AI-Powered Tutoring Systems

- ➤ Personalized Learning Paths: Tailors lessons and exercises based on individual student needs and learning styles.
- ➤ 24/7 Availability: Offers support outside traditional classroom hours, enhancing accessibility for students.
- Data-Driven Insights: Analyzes student performance data to identify strengths and weaknesses, aiding in targeted instruction.
- Continuous Improvement: Updates content and algorithms based on student interactions and feedback.



# Al-Powered Tutoring Systems

- ►AI fosters a student-centric learning approach, placing the focus on individual student needs, preferences, and strengths.
- ➤ By tailoring education to the unique qualities of each student, AI promotes a more engaging and effective learning experience.
- >Assists educators by providing data analytics and insights, enabling more personalized instruction.
- ➤ Bridges geographical barriers, connecting students with quality education regardless of location.

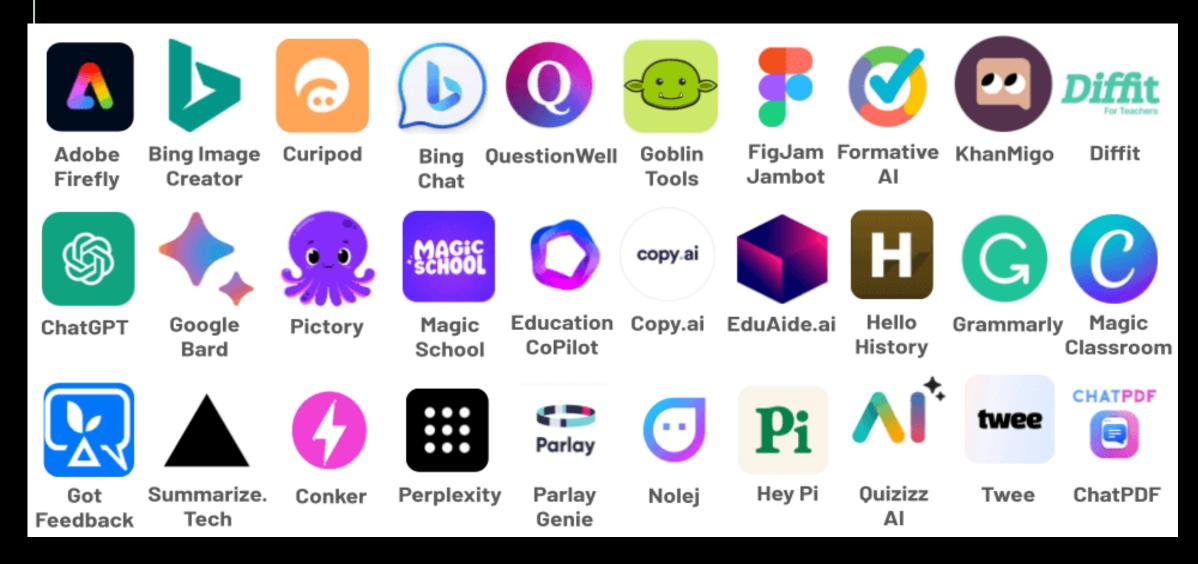


## Al Tools for Teaching

- AI tools can serve as our own personal assistants: answering questions, helping us write text, create images, speak more effectively, and more.
- ➤ Most teachers would agree that they would be able to do more, if they had more time.
- Teachers can find AI tools that are ready to help them out right now. Lots of them are free or have "freemium" plans.



## Al Tools for Teaching



# Al Tools for Teaching

The continuing development of generative artificial intelligence tools, capable of producing natural language, computer code, images, or other media in response to users' queries, has the potential to impact teaching and learning in many ways.



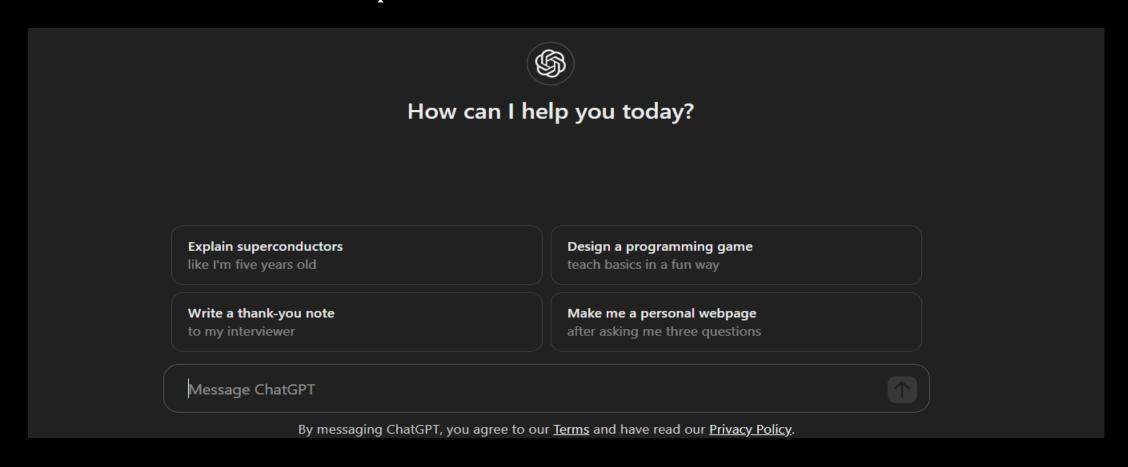
## CONTENT WRITING

- AI tools like Grammarly enhance writing by checking grammar, spelling, and style.
- Copyscape ensures content originality.
- Hemingway Editor improves readability by highlighting complex sentences.
- > Tools like QuillBot rewrite text while maintaining meaning.
- SEO-focused tools like SurferSEO and INK optimize content for search engines.
- ➤ AI tools like WordAI spin articles, maintaining original meaning.
- ►Writesonic and Jarvis generate content based on input prompts, aiding in content creation and SEO optimization.
- These tools collectively enhance productivity and writing quality.



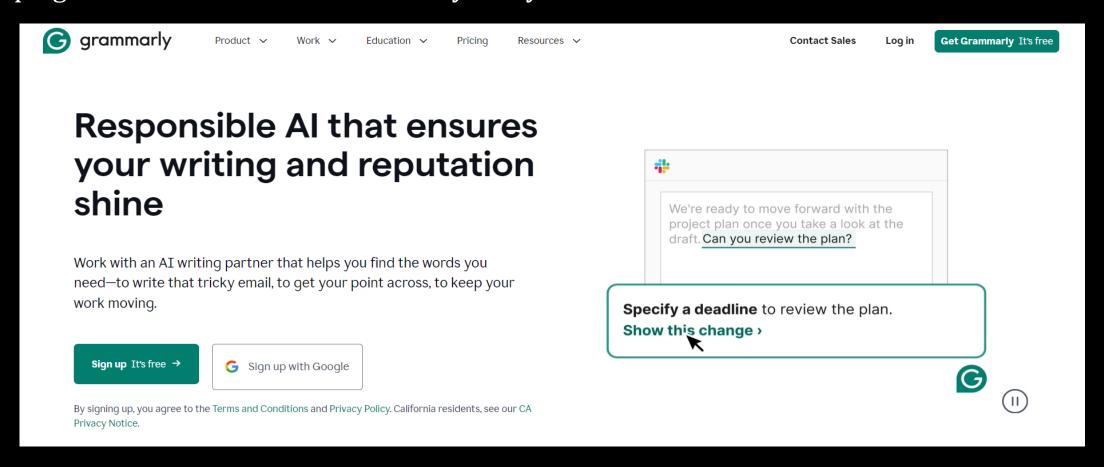
# COPY.AI/ CHATGPT

Developed by Open AI, ChatGPT generate lesson plans by providing suggestions for activities, exercises, and topics to cover in class.



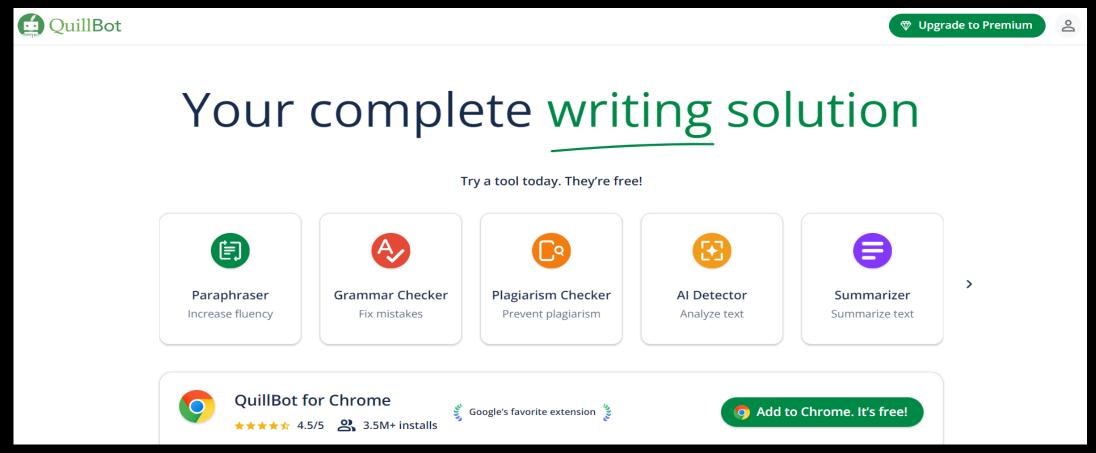
## GRAMMARLY

➤ Helps with grammar, punctuation, style, and tone suggestions. It also offers plagiarism detection and readability analysis.



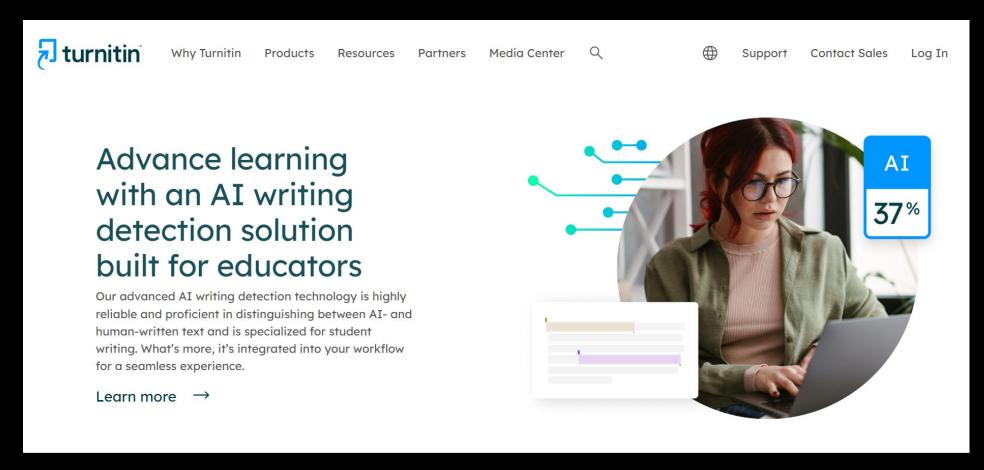
# QUILLBOT

A paraphrasing tool that can rewrite sentences, paragraphs, or articles while maintaining meaning and coherence.



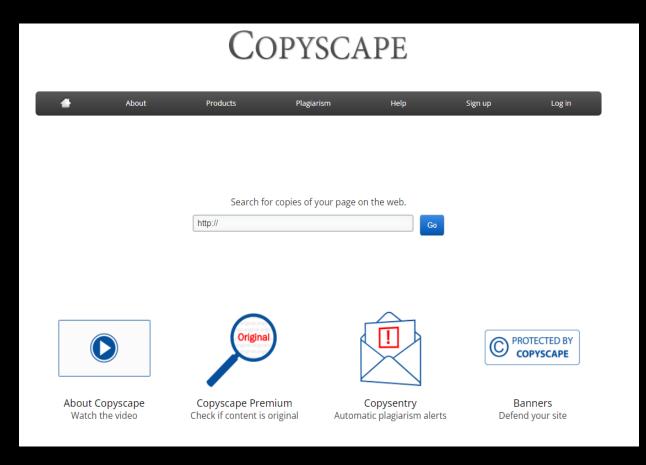
## TURNITIN

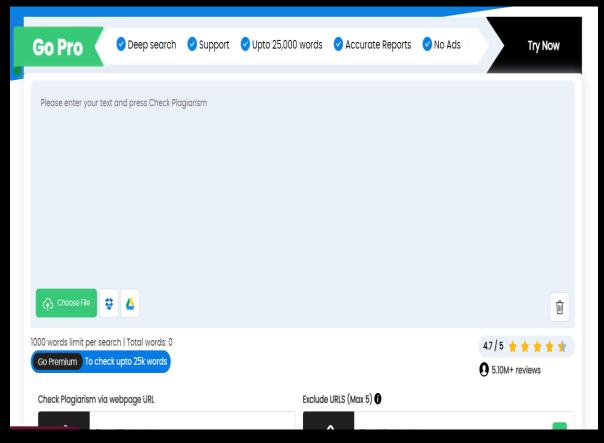
Turnitin is an advanced AI tool that helps teachers detect potential plagiarism in student work



# Copyscape/Duplichecker

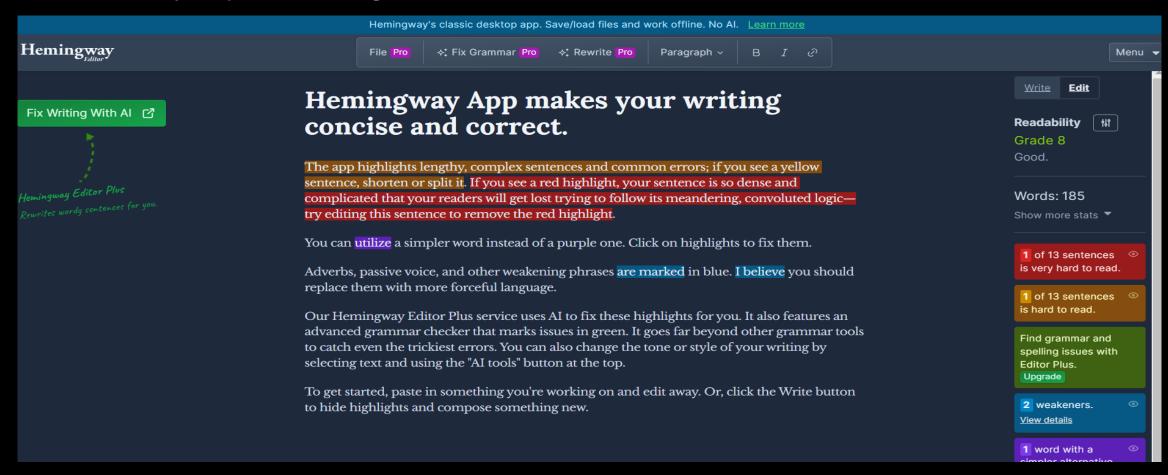
➤ Used for checking plagiarism to ensure your content is original and not copied from elsewhere on the web





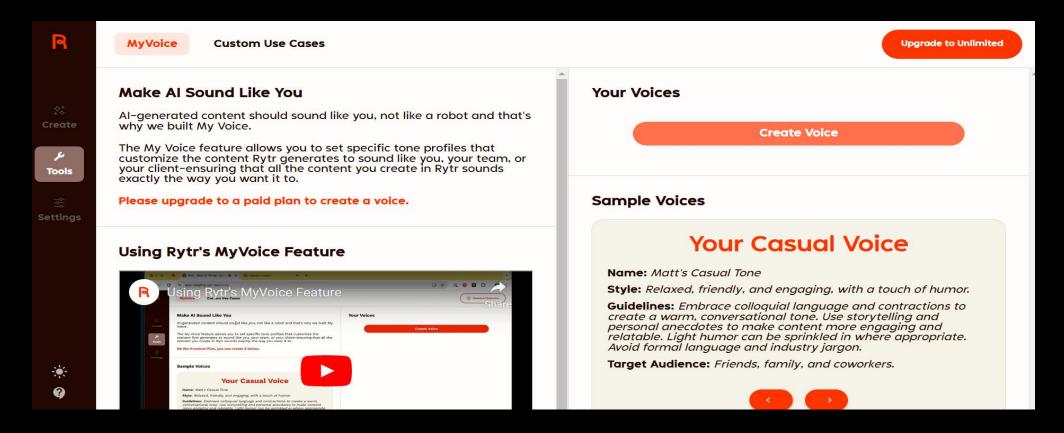
## HEMINGWAY EDITOR

➤ Highlights complex sentences and common errors, helping to improve readability and clarity of your writing.



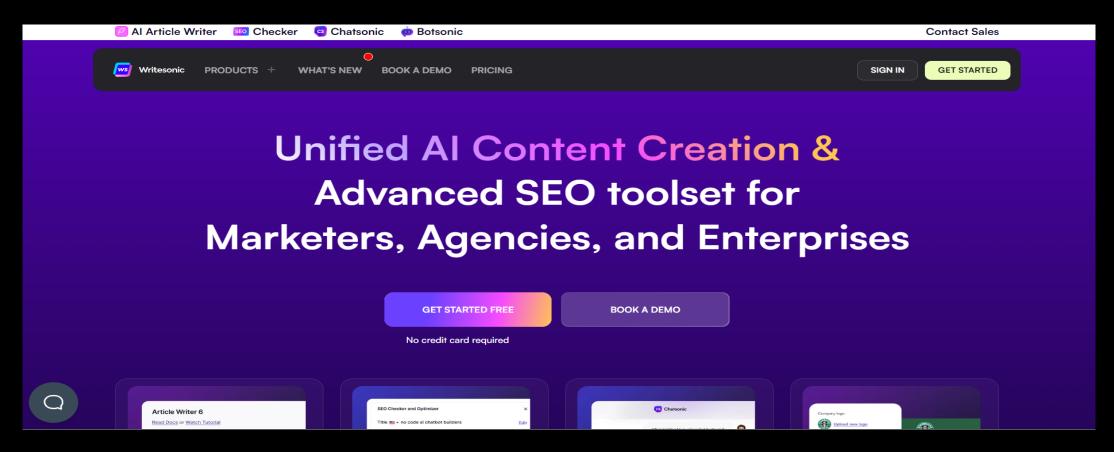
## RYTR.ME

➤ Generate various types of content such as articles, poetry, emails, social media posts, and more, using artificial intelligence.



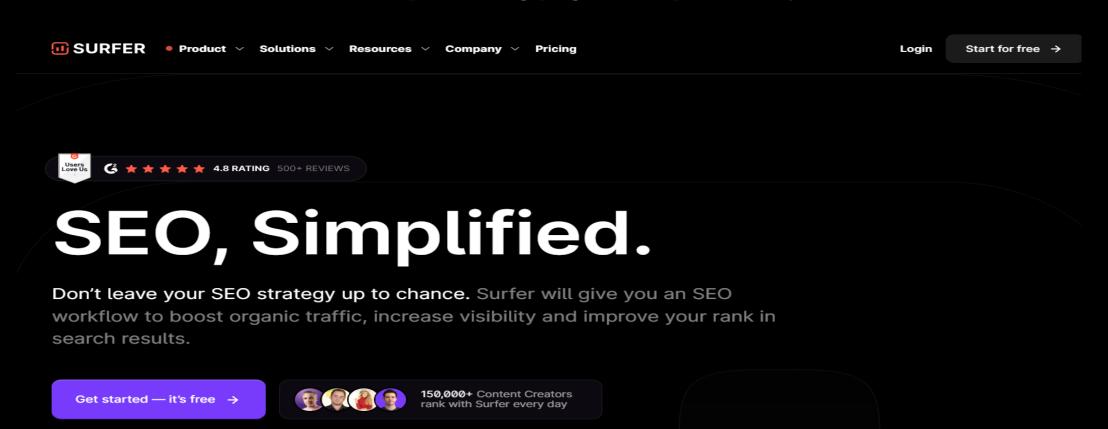
## WRITESONIC

Creates blog posts, articles, product descriptions, and more using AI-generated content.



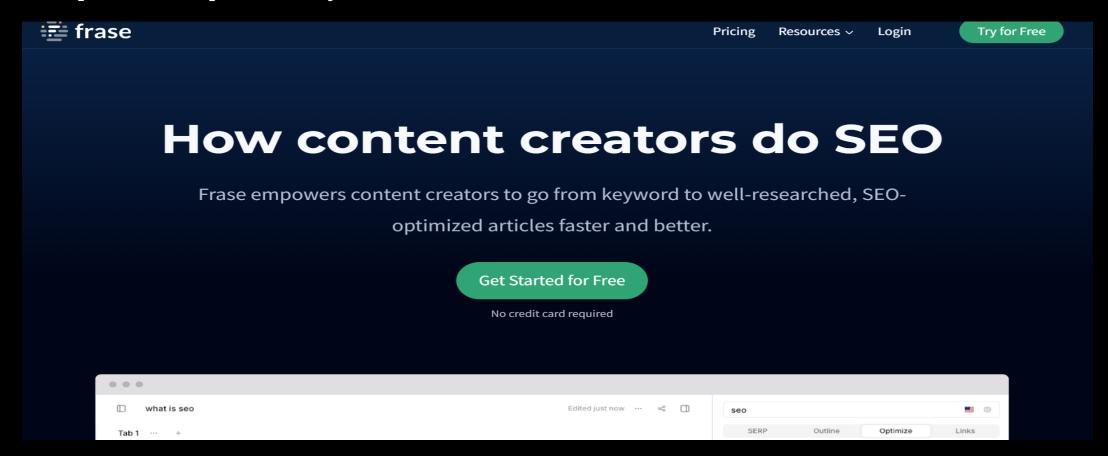
## SURFERSEO.COM

Assists in optimizing content for search engines by providing insights and recommendations based on top-ranking pages for specific keywords.



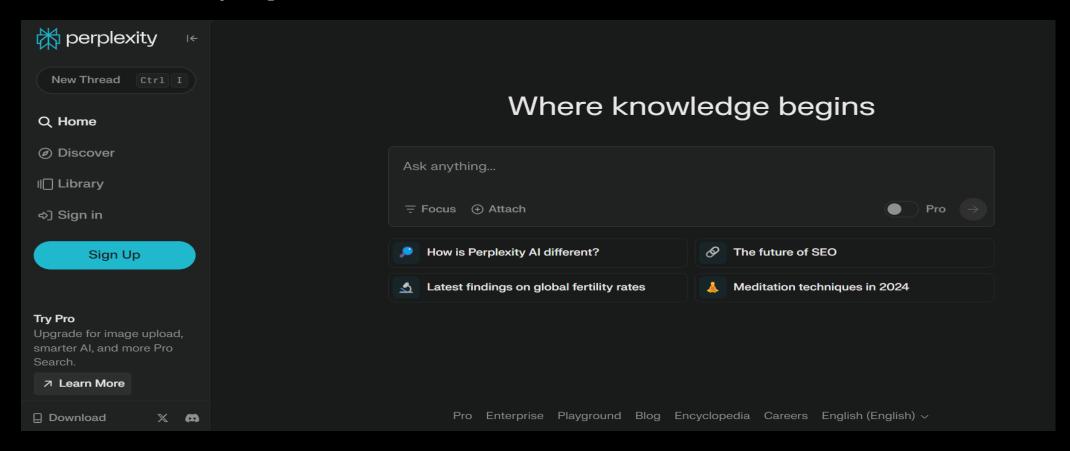
## FRASE

➤ Uses AI to create content briefs, optimize SEO, and generate content outlines based on specified topics or keywords.



## PERPLEXITY.AI

Focused on providing AI-powered solutions for content creation & deep research on any topic.



# YIPPITY - QUIZ

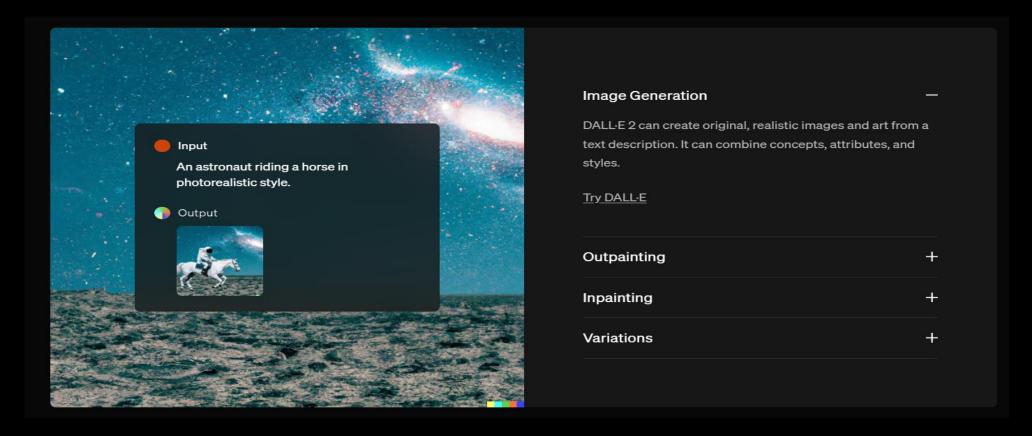
- >Yippity has the capability to transform any text or webpage into a quiz with ease
- ➤ Users can submit up to 10,000 characters of text from their notes, or simply paste the URL of a webpage.





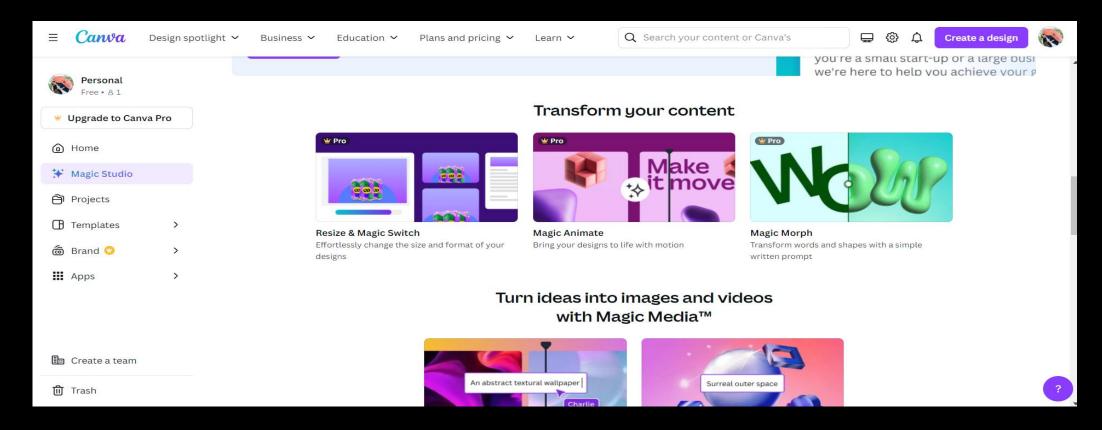
# DALL-E

Generates images from textual descriptions using a large dataset of images and text, creating novel visual concepts.



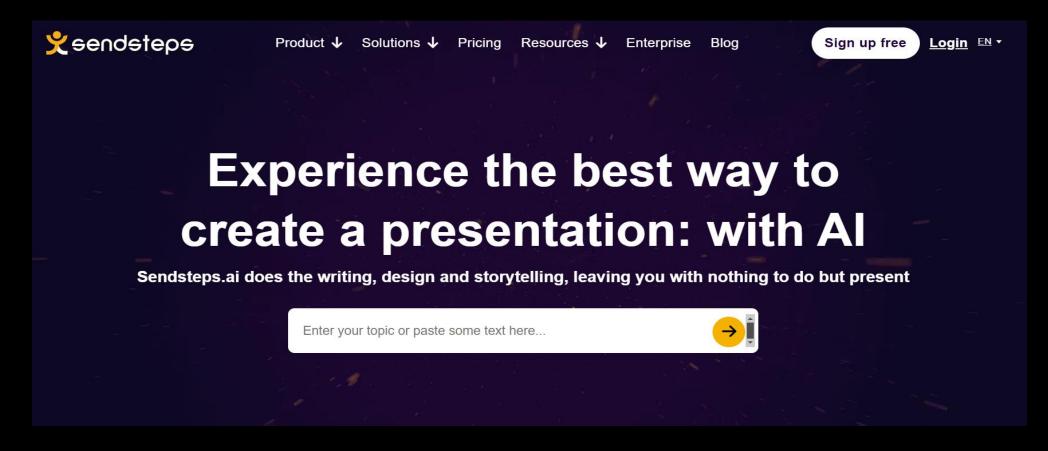
## CANVA

➤ offers a wide range of templates, graphics, and design tools that make it easy for teachers to create engaging and visually appealing presentations/designs/cover letter/ greeting card/ certificates/projects covers



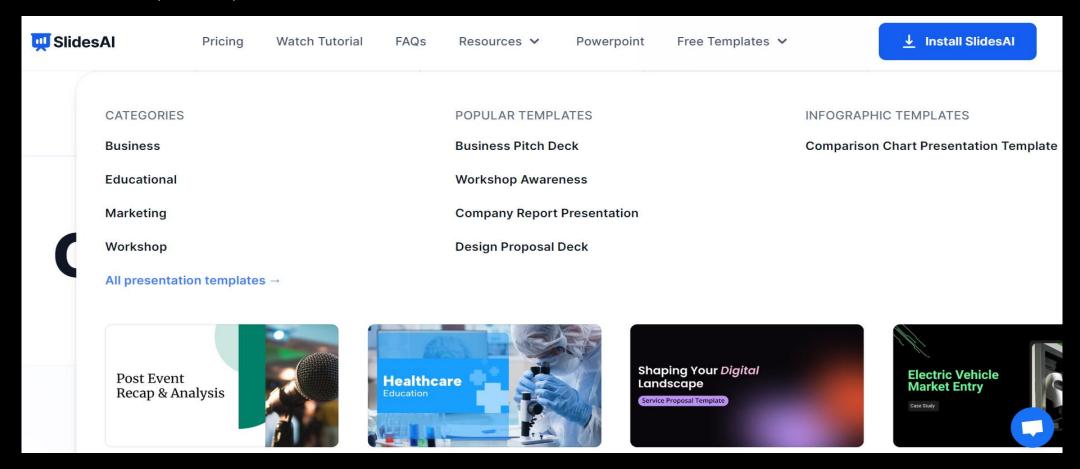
## SENDSTEPS.AI

➤ With Sendsteps.ai, teachers can generate interactive presentations based on a document or other information.



# SLIDESAI.10

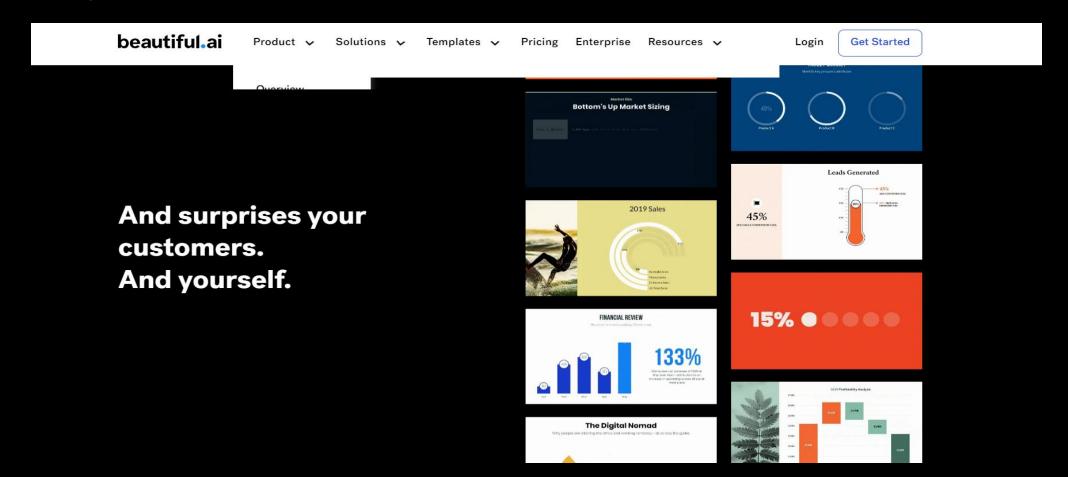
Slides AI it offers a variety of presentation types to choose from, including general, educational, sales, and conference



## BEAUTIFUL AI -SLIDES

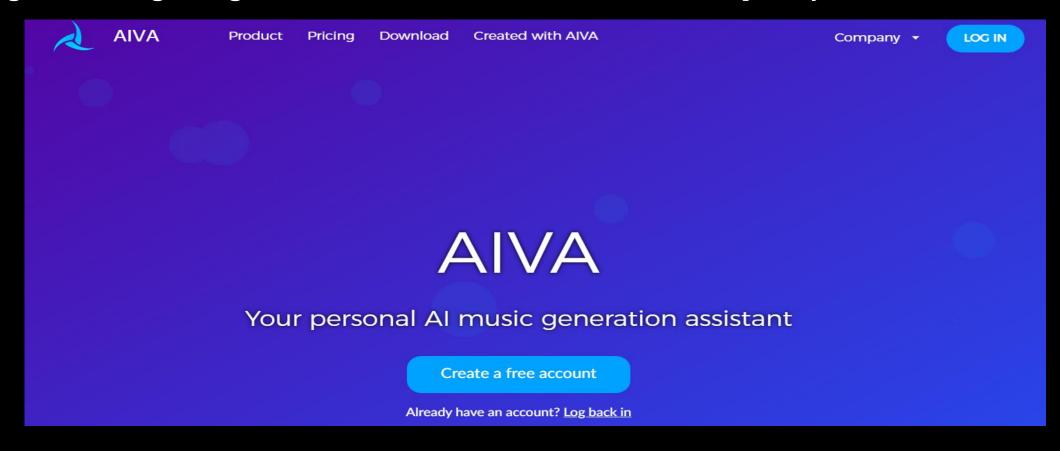


➤ With its extensive collection of AI-generated smart slides, you can craft striking and professional presentations effortlessly



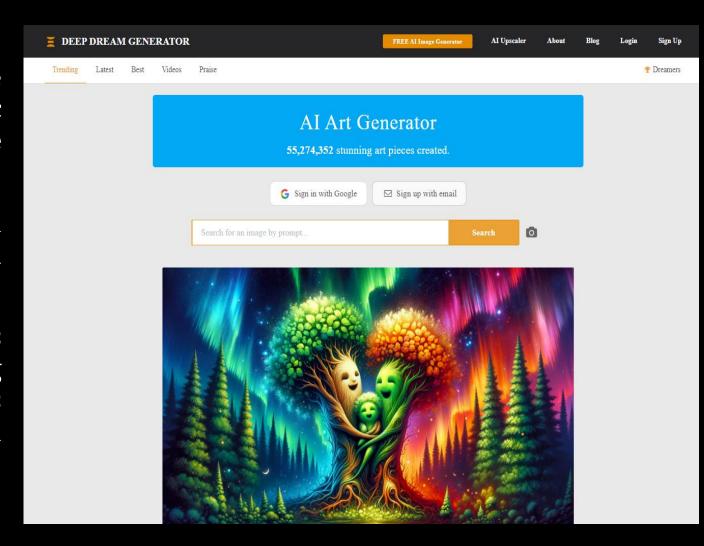
# AIVA (MUSIC)

Artificial Intelligence Virtual Artist Creates original music compositions in various genres using AI algorithms trained on classical and contemporary music.



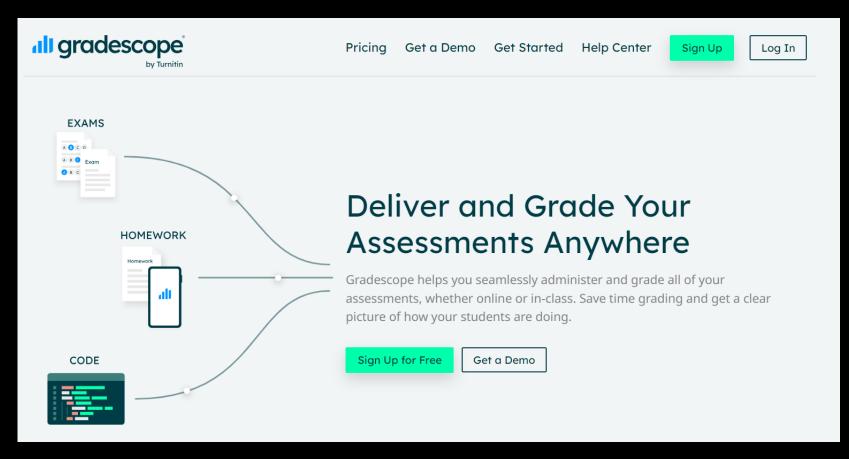
## DEEPDREAM GENERATOR

- ➤ Uses a neural network to enhance images in a surrealistic and artistic style, often creating dream-like visuals.
- An advanced image editor, an image enhancer, and a groundbreaking AI video generator.
- The range of technical possibilities is endless, from transforming simple photos into intricate pieces of art to creating unique visual narratives



## GRADESCOPE - GRADING

➤ Gradescope enables you to effortlessly manage and evaluate all your assessments, whether they are conducted online or in a physical classroom.

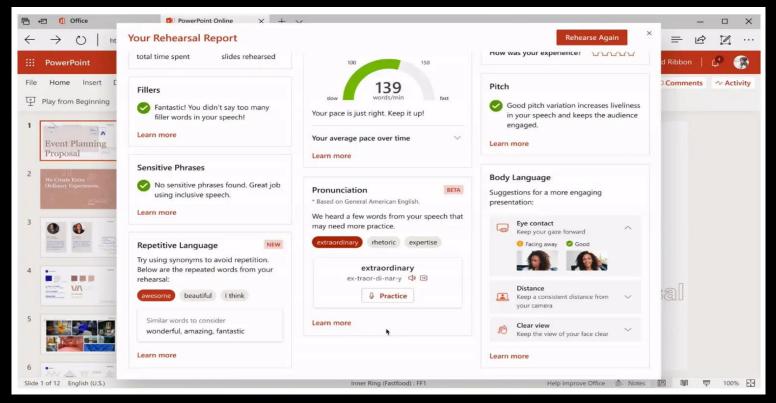




# PowerPoint Speaker Coach

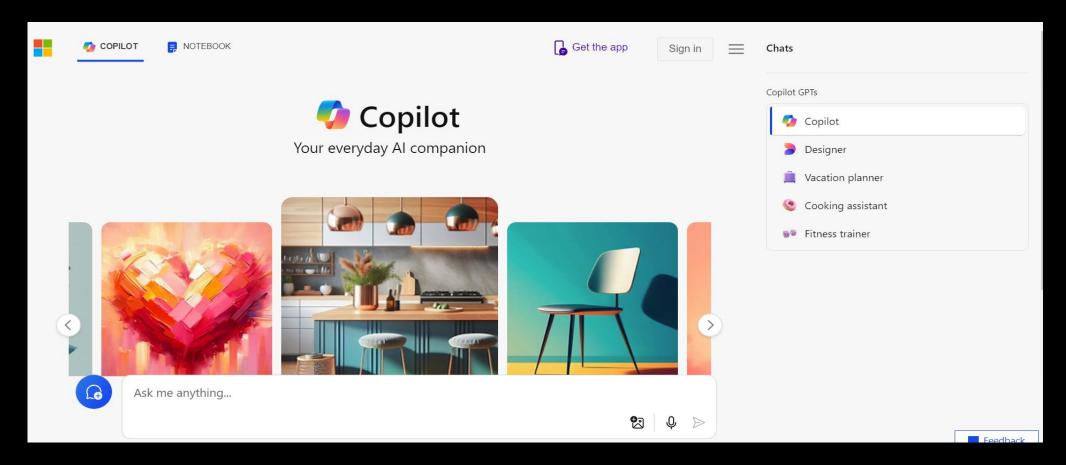
Designed to evaluate various aspects of a presentation, including pacing, pitch, use of filler words, and other common speaking habits.

Allows teachers to practice in private, and the feedback provided can help identify areas for improvement.



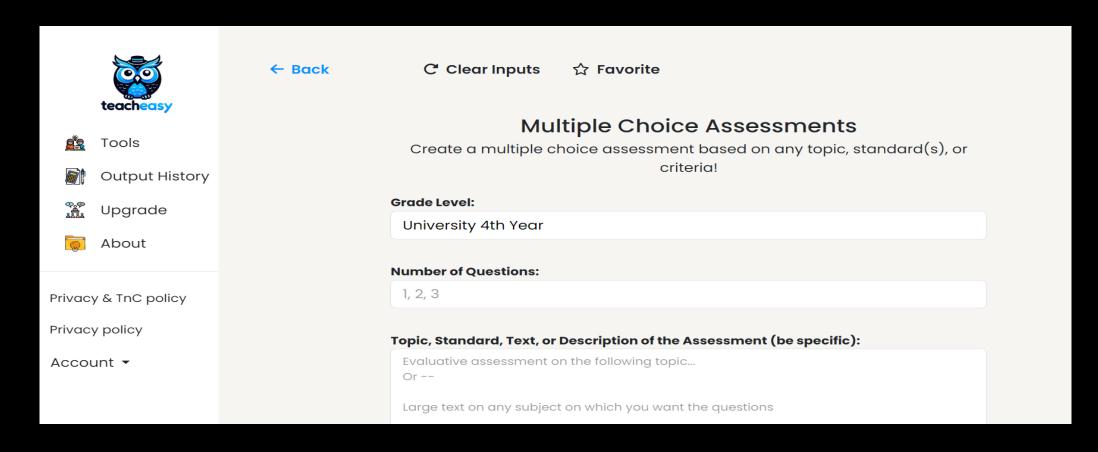
# COPILOT EDUCATION

Quickly generate handouts that cover everything a teacher and a student need to know about a specific topic, concept, or subject area.



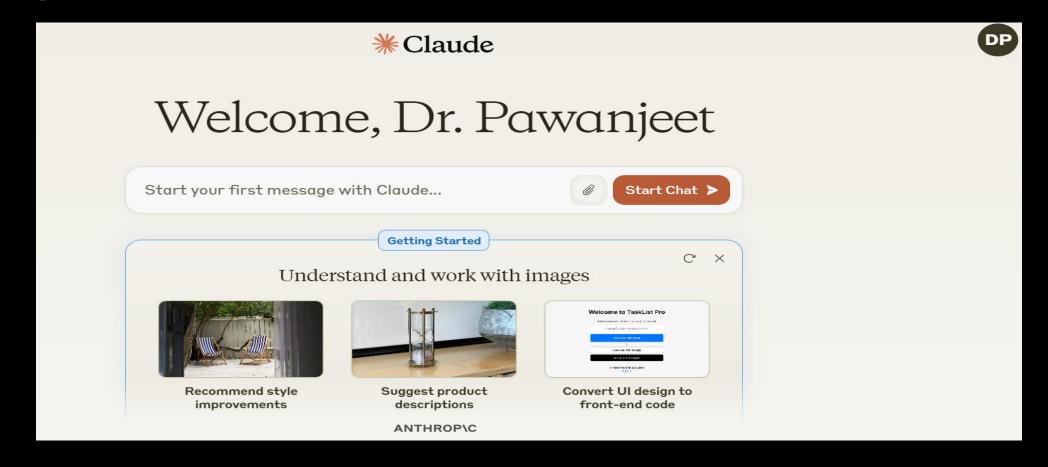
## TEACHEASY.AI

Provide resources, classroom management tools, assessments, Lesson Plan, Rubrics or communication channels for parents and student



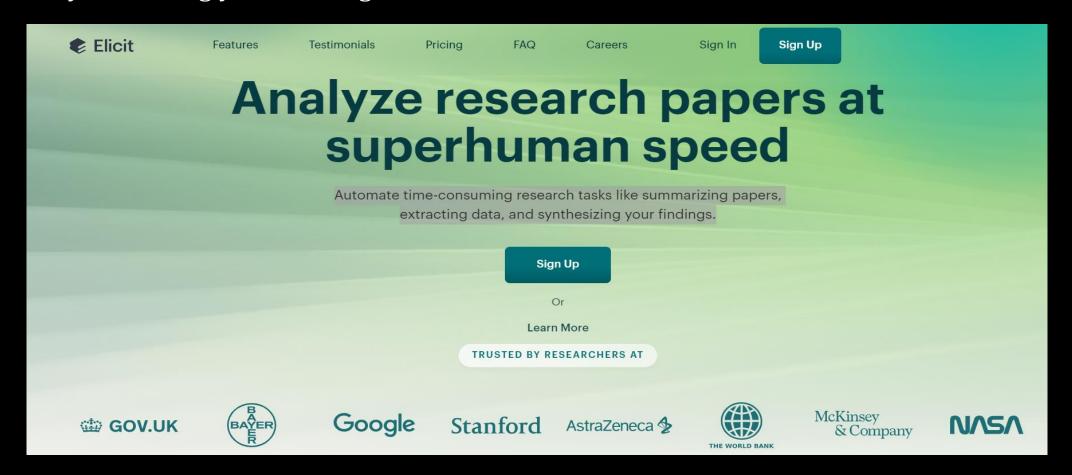
# CLAUDE.AI

Extract text from images, brainstorm ideas, generate text, convert designs to computer code, and transcribe handwritten notes.



## ELICIT

Automate time-consuming research tasks like summarizing papers, extracting data, and synthesizing your findings.



## Conclusion

- >AI in education underscores its transformative potential across various facets of teaching and learning.
- > AI tools offer educators unprecedented opportunities to personalize learning experiences, optimize administrative tasks, and enhance student engagement.
- From content creation and lesson planning to student assessment and feedback, AI facilitates efficiency and effectiveness in education.



## References

- Siemens, G., & Baker, R. S. J. d. (Eds.). (2019). *Artificial Intelligence in Education: Promises and Implications for Teaching and Learning*. Springer. DOI: 10.1007/978-3-030-29736-7
- Lane, H. C., Yacef, K., & Mostow, J. (Eds.). (2015). *Artificial Intelligence in Education: 17th International Conference, AIED 2015, Madrid, Spain, June 22-26, 2015. Proceedings.* Springer. DOI: 10.1007/978-3-319-19773-9
- ➤ Baker, R. S., & Inventado, P. S. (2014). Educational data mining and learning analytics: Applications to constructionist research. *Technology, Knowledge and Learning*, 19(1-2), 205-220. DOI: 10.1007/s10758-014-9230-2
- ➤ Koedinger, K. R., & Corbett, A. T. (2006). Cognitive tutors: Technology bringing learning science to the classroom. *The Cambridge Handbook of the Learning Sciences*, 61-77.
- ➤ Rose, C. P., & Beatty, M. (2019). *Teaching Machines: Learning from the Intersection of Education and Technology*. MIT Press. DOI: 10.7551/mitpress/11663.001.0001
- ➤ Thille, C., & Mitchell, J. (Eds.). (2010). Learning, Technology, and Education Reform in the 21st Century: Report of a Workshop. National Academies Press. DOI: 10.17226/12812Luckin, R., Holmes, W., Griffiths, M., & Forceir, L. (Eds.). (2016). Intelligent Technologies for Interactive Entertainment: 8th International Conference, INTETAIN 2016, Utrecht, The Netherlands, June 28-30, 2016, Revised Selected Papers. Springer. DOI: 10.1007/978-3-319-49616-0





Two Weeks Online

# NEP Orientation and Sensitization Program

This course will be considered for CAS as per UGC regulations.

11-22 March, 2024

UGC- MALAVIYA MISSION TEACHER TRAINING CENTRE-TRIPURA UNIVERSITY







Tripura University (A Central University), Suryamaninagar, Agartala Pin-799 022, Tripura, INDIA

## **OVERVIEW**

The National Education Policy 2020 emphasizes the creation motivated, energized, and capable faculty. The capacity building of the faculty at all levels has been one of the major thrust areas in the field of Higher Education. However, continuous professional development of faculty in all disciplines is required in light of new and updated methods of pedagogy. Keeping in view the optimal utilization of infrastructure, human and financial resources the Ministry of Education(MoE) has sought that synergy and integration between HRDCs and PMMMNMTT Centres be strengthened in order to meet the objective of NEP 2O2O and the entire capacity building effort has been renamed and popularized as Malaviya Mission. The main objective of the new phase of the scheme orientation is and sensitization of the Faculty members of HEIs on core NEP 2020 Themes. The Malaviya Mission aims to provide quality teachers in Higher Education Institutions, attract talented people in the education sector and improve quality in teaching.

### CONTENT

- ☐ Holistic and Multidisciplinary Education
- lacksquare Indian Knowledge Systems
- ☐ Academic Leadership, Governance and Management
- Higher Education and SocietyResearch and Development
- ☐ Skill Development
- ☐ Student Diversity and Inclusive Education
- ☐ Information and Communication Technology

### **ELIGIBILITY**

Faculties and officials from State and Central University, Affiliated Colleges, Constituent Colleges, Private Colleges, Polytechnics, and other academic institutions are eligible.

## **MODE**

Through online Mode and Two Sessions of 90 Minutes (each day). During the live session, it is mandatory for the participants to keep their camera on for attendance.

**Session 1:** 3.00 pm to 4.30 pm **Session 2:** 4.45 pm to 6.15 pm

## **ABOUT TRIPURA UNIVERSITY**



Taking into consideration the long cherished demands of the students community, growing aspirations of the people and at large also acknowledging the present and future needs of education in the state, the State Government took the initiative to pass the Tripura University Act in the Assembly in 1987 and the first University in the state came into being on 2nd October 1987. Later Tripura University has been converted to a Central University w.e.f. 2nd July, 2007 under the Tripura University Act, 2006 as enacted by the Parliament. At there are forty present Departments and four Centres of Study in the University. As University, conventional Tripura University has taken upon itself the responsibility to preserve and promote the enviable heritage of the state's indigenous art forms, folk, oral and multi-dimensional cultural traditions. In order to adapt with the demands of the changing times, the University is gradually changing over to e-governance for efficient, accurate and eco-friendly administration.

## ABOUT MMTC, TU

Tripura University has established a Faculty Development Centre (FDC) under the Scheme of Pandit Madan Mohan Malaviva National Mission on Teachers and **Teaching** (PMMMNMTT) in December 2014. FDC-TU understand inculcation of both academic and professional skills are a requisite for any employee right at the beginning of his or her career, without which institutional efficiency and proper work ethics cannot be developed in any establishment. The Centre has conducted many program on these aspects and outcome of all earlier programmes were excellent. Recently the name of this centre has been changed to Malaviya Mission Teacher Training Centre, Tripura University (MMTC-TU). At present, the Centre is engaged in training faculties and officials of Higher Educational Institutions to build competencies in them for better teaching, learning and research, enhancing and updating their knowledge and skills in order to provide more effective teaching, administration and aligning them with the societal needs of NEP 2020 within the purview of Indian values and value system.

## **How to Apply**

All the eligible applicants may apply for the programme by following the steps mentioned below:

Step 1. Visit to https://mmc.ugc.ac.in

Step 2: Register as a Participant

Step 3: Select 'Apply for NEP theme training'

Step 4: Search Centre-Tripura

University

Step 5: Click Search to view the training list under Tripura

University

Step 6: Click Participate to apply

## Participation is Free

Last Date of Registration is 7<sup>th</sup> March, 2024

- NOC from competent authority may be submitted at the time of registration.
- E-Certificate will be issued after verifying your online attendance record and MCQ test participation.

For further contact

Prof. Badal Kumar Datta Director, Faculty Development Centre, Tripura University Mob. No: 9863223319/8837418715 Email-fdc@tripurauniv.in







## **CERTIFICATE OF PARTICIPATION**

## **NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME**

This is to certify that Rumki Nath Sen
Holy Cross College

has completed the NEP 2020 Orientation & Sensitization Programme under Malaviya
Mission Teacher Training Programme (MM-TTP) of University Grants Commission
(UGC) Organized by Malaviya Mission Teacher Training Centre (MM-TTC),
Tripura University, Suryamaninagar, Tripura from 11.03.2024 to 22.03.2024

Dated: 23.03.2024

**Director/Coordinator (MM-TTC)** 



## HOLY CROSS COLLEGE, AGARTALA

Accredited by NAAC with 'A+' Grade (Cycle:02)

## FACULTY DEVELOPMENT PROGRAMME- SERIES-2

Internal Quality Assurance Cell (IQAC) & Centre for Counselling Psychology of Holy Cross College, Agartala

In Collaboration with the Faculty of Science and Humanities of Holy Cross College Organizes

A 7-Day National Level FDP/Workshop on

"Emerging Dynamics and Trends in Research Methodology & Research Publications"

from 29th June to 5th July, 2023

## **Highlights:**

Live session for Doubt clearing.

Beneficial for CAS.

Graded Certificate on Completion.

NOC not required for participation.

## **Eligibility:**

Faculty Members; Corporate Professionals, Members of NGO, Research Scholars, Research Associates, Post Graduate & Under Graduate Students.

## **Registration details:**

Registration Fee: Rs. 500/- (Non-refundable)

### **Bank details:**

HOLY CROSS COLLEGE Federal Bank, Agartala Branch A/c No.- 19650100000992 IFSC- FDRL0001965



Click Here to REGISTER

### About us

Holy Cross College is a private English medium institution of higher learning, established by the Holy Cross Education Foundation. The college became the first College in Tripura to be accredited with 'A+' Grade by National Assessment and Accreditation Council (NAAC). We are committed to ensure that both formation and transformation are earnestly framed and focused. It was the goal that the Blessed Basil Antony Mary Moreau, the founder of the Holy Cross Congregation, had in mind when he used the phrase "Educating Heart and Mind" hundreds of years ago. Here, as a family of Holy Cross, our goal is to protect and guarantee that the founder's vision is realised.

### **RESOURCE PERSONS**

Professor Debarshi Mukherjee Jamia Millia Islamia University

**Topic:** Introduction to research methodology and sampling design

Date: Thursday 29th June, 2023

**Time:** 6.00pm



## **Prof Narender Kumar** J N U , New Delhi

**Topic:** Qualitative Research : Content & Discourse Analysis.

Date: Friday 30th June 2023

Time: 6.00 pm



## Prof. Harish Thakur

Himachal Pradesh University, Shimla

Topic: Understanding Research and

Research Ethics

Date: Saturday 1st July, 2023

**Time:** 5.00 pm



### Prof. Manish

Gujrat Central University, Ghandhinagar.

Topic: How to write Research

Proposal.

Date: Saturday 1st July, 2023

**Time:** 6.30 pm



**Prof . Anil Kumar Mohapatra** *Fakhir Mohan University , Odisha* 

Topic: Review of Literature

Date: Sunday , 2nd July, 2023

**Time:** 5.00pm



Prof. Bidhu Kanti Das Mizoram University

Topic: Quantitative Data analysis

and Hypotheses testing

Date: 2nd July, 2023

**Time:** 6.30 pm



Prof. M. M. Semwal

Hemavati Nandan Bahuguna University, Srinagar

Topic: Referencing & Indexing in

Research Methodology

Date: Monday 3rd July, 2023

Time: Time: 6.00 pm.



Prof. Ramkrushna Pradhan

Guru Ghasi Das University (Central), Bilaspur.

**Topic:** How to write Research Report

Date: Tuesday 4th July, 2023

Time: 6.00 pm



Prof. K. N. Jena

National Forensic Science University , Tripura.

**Topic:** Decoding the mind & concerns

of a Researcher

Date: Wednesday 5th July, 2023

Time: 6.00 pm



## Holy Cross College

Jubatara, P.O. Lembucherra, Agartala -799210
Phone: +91 9402315672, 0381- 2915930
email: principalhccagt@gmail.com
Website: www.holycrosscollege.in

Internal Quality Assurance Cell (IQAC) & Centre for Counselling Psychology of Holy Cross College, Agartala

In Collaboration with
the Faculty of Science and Humanities of
Holy Cross College Organizes

# A 7-Day National Level FDP/Workshop on

"Emerging Dynamics and Trends in Research Methodology & Research Publications"

from 29th June to 5th July, 2023

## **ORGANIZING TEAM**

## **Patron**

**Dr. Fr. Benny K. John CSC**Principal, Holy Cross College

Fr. Joe Paul CSC

Vice-Principal, Holy Cross College

## Convenor of the Workshop

Dr. Sushobhan Sengupta Contact:8974103536

## Coordinator of the Workshop

Smt. Moushumi Jena Contact:9612864672

## **Organizing Secretory**

Dr. Sandeep Roy Sarkar Contact: 9862797500

## **Core Committee Members**

Dr. Ashish Kumar Singha

Dr. Tomina N.S.

Dr. Rumki Nath Sen

Dr. Mainul Islam

Dr. Somnath Kar

Smt. Mandrita Saha

Smt. Barnita Majumder

Smt. Sharmili Chakraborty

Mr. Joel L. Darlong

Sri. Subhajit Paul

Dr. Debasish Datta

Smt. Sangita Chakraborty

Smt. Tapashi Saha



# Certificate of Participation

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

Assistant Professor, Holy Cross College, Agartala

has participated

IN THE 7-DAY NATIONAL LEVEL FDP/WORKSHOP ON "EMERGING DYNAMICS AND TRENDS IN RESEARCH METHODOLOGY & RESEARCH PUBLICATIONS"

organised by

Internal Quality Assurance Cell (IQAC) & Centre for Counselling Psychology Holy Cross College, Agartala, with Grade. In Collaboration with the Faculty of Science and Humanities of

Accredited by WAAC with 'A+' Grade (Cycle 2)

on 29th June to 05th July, 2023

Syena

Smt. Moushumi Jena

Dr. Sushebhan Sengupta Convener

Principal

Smy in

Dr. Fr. Benny K John, CSC

Jubatara, P.O., Lembucherra, Tripura W.- 799009, Phone: +91 9402315672, www.holycrosscollege.in



# **NATIONAL LAW UNIVERSITY TRIPURA**

# CERTIFICATE **NIEPA, NEW DELHI**

THIS CERTIFICATE IS PRESENTED TO

Dr. Runki Nath Sen

for successfully completing five-days faculty development programme on

"Designing, Developing & Delevering Online/Blended Learning Courses"

from December 13-17, 2023

Prof. K. Srinivas

Chairperson, E-Learning Cell, NIEPA, New Delhi

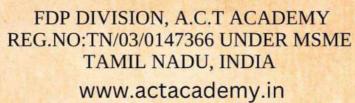
Prof. (Dr.) Togesh Pratap Singh

Vice-Chancellor **NLU** Tripura





"Achieving Excellence Together"





## CERTIFICATE

- OF PARTICIPATION-This certificate is awarded to

DR. RUMKI NATH SEN
ASSISTANT PROFESSOR
DEPARTMENT OF ZOOLOGY
HOLY CROSS COLLEGE, AGARTALA
WEST TRIPURA

for actively attending the One Week National Level Faculty Development Programme on 'NAAC Assessment and Accreditation: Procedures and Processes' from 11.09.2023 to 17.09.2023, conducted by A.C.T. Academy, Tamil Nadu in Association with Academic and Research Conglomerate

Date of Issue: 18-09-2023

Minde

Prof.(Dr) Soudamini Menon (Retd)
Director, ACT Academy
Tamil Nadu







## CERTIFICATE OF PARTICIPATION

## **NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME**

This is to certify that Mandrita Saha from Holy Cross College, Agartala

has completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by Malaviya Mission Teacher Training Centre (MM-TTC), Tripura University, Suryamaninagar, Tripura from 11.03.2024 to 22.03.2024

Dated: 23.03.2024

Director/Coordinator (MM-TTC)



# UGC-HUMAN RESOURCE DEVELOPMENT CENTRE PANJAB UNIVERSITY, CHANDIGARH



Ref. No.2260 TO 2278/28923

# UGC -SPONSORED FACULTY INDUCTION PROGRAMME CERTIFICATE OF PARTICIPATION

This is to certify that

Debasree Lodh

Assistant Professor(Botany)

Holy Cross College,

Lembucherra, Agartala, Tripura (West), India

Affiliated to Tripura University

Participated in 130th Faculty Induction Programme from 01.09.2023 to 28.09.2023

Obtained Grade-A

Prof. Renu Vig (Vice-Chancellor) Prof. Anju Suri (Honorary Director, HRDC) Prof. Jayanti Dutta (Coordinator, HRDC)

# UGC - Human Resource Development Centre, Panjab University, Chandigarh 130th Faculty Induction Programme 01-09-2023 to 28-09-2023



Left to Right : Sitting Row

: Dr. Rahulkumar D. Apte, Dr. Syamili C., Dr. Jayanti Dutta (Dy. Director), Prof. Anju Suri (Honorary Director), Prof. Rainuka Dagar,

Dr. Amandeep Kaur Kalsi, Dr. Debasree Lodh

Ist Standing Row : Mr. Nikhil Rohit, Mr. Bobe Sachin Suresh, Dr. Rajesh Kumar, Dr. Rohit G. Chawhan, Dr. Palwinder Kaur Randhawa, Ms. Priti Ashok Kharat

Dr. Bakul B. Kamble, Ms. Shital Prakash Jadhav, Dr. Sanjeev Kumar Singh, Mr. Mangla Singh, Mr. Vaibhav Gallani

2nd Standing Row: Dr. Gurdit Singh, Mr. Swapnil Navhate, Mr. Pankaj Sharma, Dr. Balaji Ghule, Dr. Laxman Pimpalpalle, Mr. Siddiqui Mujahed,

Dr. Nitin Shivpuje, Mr. Dhange Maroti





## Certificate of Participation

This is to certify that

Prof. / Dr. / Mr. /Ms. / Mrs. Debasree Lodh

Assistant Professor, Holy Cross College, Agartala

has participated

IN THE 7-DAY NATIONAL LEVEL FDP/WORKSHOP ON "EMERGING DYNAMICS AND TRENDS IN RESEARCH METHODOLOGY & RESEARCH PUBLICATIONS"

organised by

Internal Quality Assurance Cell (IQAC) & Centre for Counselling Psychology
In Collaboration with the Faculty of Science and Humanities of

Holy Cross College, Agartala, with Grade A+

Accredited by NAAC with 'A+' Grade (Cycle 2)

on 29th June to 05th July, 2023

Sigena

Dr. Sushobhan Sengupta

Convener

Smt. Moushumi Jena Co-ordinator Dr. Fr. Benny K John, CSC

Principal

Jubatara, P.O., Lembucherra, Tripura W.- 799009, Phone: +91 9402315672, www.holycrosscollege.in





# CERTIFICATE OF PARTICIPATION

## **VIRTUAL FACULTY DEVELOPMENT PROGRAM**

This is to certify that

## **DEBASREE LODH**

has participated in a **Six-Day National Level Faculty Development Programme** titled **"Funded Research Projects"** on 16<sup>th</sup> - 21<sup>st</sup> October 2023 organised by ATLAS SkillTech University, Mumbai

DR VARSHA AGARWAL

Director

Centre of Excellence for Transformative Education

DR INDU SHAHANI

President & Chancellor

ATLAS SkillTech University



## **Teaching Learning Centre**

Ramanujan College, University of Delhi (Accredited Grade 'A++' by NAAC)

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



This is to certify that

## DR. DEBASREE LODH, HoD & Assistant Professor

of

Department of Botany, Holy Cross College, Agartala, Tripura, India has successfully completed online Two – Week Refresher Course in

"BOTANY"

from 29 July - 13 August, 2023 and obtained Grade <u>A+</u>.





Blockchain Hash: 0x6d06f8cf7bac31eeec1d603e431f4ac7f9e1c97d444b6d8c4c08dcbb4f2663db

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

Dr. Nikhil Kumar Rajput (Deputy Director) TLC, Ramanujan College







## CERTIFICATE OF PARTICIPATION

## **NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME**

This is to certify that

Dr/Mr/Ms. Debasree Lodh, Assistant Professor
Holy Cross College, Agartala, Tripura University, Agartala

has completed the **NEP 2020 Orientation & Sensitization Programme** under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by **UGC-Malaviya Mission Teacher Training Centre, Jawaharlal Nehru University, New Delhi** from 15<sup>th</sup> January to 24<sup>th</sup> January, 2024

**Director (MM-TTC)** Prof. Ravi Shekhar **Coordinator**Dr. Arvind Kumar Mishra







## CERTIFICATE OF PARTICIPATION

## **NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME**

This is to certify that \_\_\_\_\_\_ Dr. Parichita Ray Choudhury \_\_\_\_\_\_ from \_\_\_\_\_ Dr. Parichita Ray Choudhury, Agartala has completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by Malaviya Mission Teacher Training Centre (MM-TTC), Tripura University, Suryamaninagar, Tripura \_\_\_\_\_\_ from \_\_\_\_\_\_ 11.03.2024\_to \_\_\_\_\_\_ 22.03.2024

Dated: 23.03.2024

**Director/Coordinator (MM-TTC)** 





## Certificate

This is to certify that

## Dr.DIPANWITA CHAUDHURI SIL

**Holy Cross College** 

has participated in the One Week National level Online Faculty Development Program on Outcome Based Education and Application of Generative Al in Teaching and Research, organised by the Internal Quality Assurance Cell (IQAC) of Gauhati University, Assam

in association with ipsr solutions limited from 17 April 2024 to 24 April 2024

and has successfully completed all the tasks, assignments and assessments and secured an A grade.

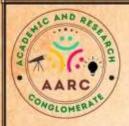
Certificate ID: gLcEuj2ZVU

Prof. Bhaben Tanti

Director, IQAC Gauhati University Dr. Mendus Jacob

M.D & C.E.O - ipsr solutions limited Professor & Director, MCA

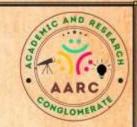
Marian College, Kuttikkanam (Autonomous)





"Achieving Excellence Together"

FDP DIVISION, A.C.T ACADEMY REG.NO:TN/03/0147366 UNDER MSME TAMIL NADU, INDIA www.actacademy.in



## CERTIFICATE

- OF PARTICIPATION-This certificate is awarded to

MR. RAJESH KUMAR DAS
ASSISTANT PROFESSOR
DEPARTMENT OF COMMERCE
HOLY CROSS COLLEGE, AGARTALA
WEST TRIPURA

for actively attending the One Week National Level Faculty Development Programme on 'NAAC Assessment and Accreditation: Procedures and Processes' from 11.09.2023 to 17.09.2023, conducted by A.C.T. Academy, Tamil Nadu in Association with Academic and Research Conglomerate

Date of Issue: 18-09-2023

Ministe

Prof.(Dr) Soudamini Menon (Retd)
Director, ACT Academy
Tamil Nadu







XXXIII Annual Conference of Indian Association for Angiosperm Taxonomy

**International Seminar on** 

BOTANICAL SURVEY OF INDIA भारतीय वनस्पति सबेक्षण

# Advances in Plant Systematics, Biogeography and **Biodiversity Conservation**

Department of Botany, University of Calcutta **Botanical Survey of India** In collaboration with November 25-27, 2023 Organized by

# Certificate of Participation

Systematics, Biogeography and Biodiversity Conservation" held on 25th to 27th November 2023, organized by Department of Botany, from Department of Botony Holy Cross College, Faipure, Indiana has attended participated as a Lead Lecturer Resource Person Chaired a Session Co-chaired a Session presented Oral Poster paper quilordine bonductive Dynamics and Preservation Efforts for University of Calcutta, 35, Ballygunge Circular Road, Kolkata, West Bengal, India in collaboration with Botanical Survey of India, Kolkata at the XXXIII Annual Conference of Indian Association for Angiosperm Taxonomy and International Seminar on "Advances in Plant Prof/Dr/Mr/Ms. Sampent Your

Convenor and HoD Rumole

**Organizing Secretery** 

**AAT President** 

SUPPLEASE OF STREET OF STR

IAAT Secretery



# **National Conference**

9

Higher Education and Research: Towards A Transformative and Sustainable Society

10th to 12th October 2023

# Certificate

The Certificate is presented to

	20	Titl	:	
(	R.	<b>₽</b> (	Sept.	•
	res		•	:
	\$	00	50	:
7	2	A	000	)h
		tud	fam	29
7.7.	SE	0	4.6.	מממע
		2	Se Car	zh.
10.00		Mod	N. M.	R
1	,	nati	Ø	3.
7	402	D'e	kas.	CR.
Ç	67	200	35	SIS.
1		RAD	50	ant
7	Ž,		lege.	6
7		W.		
:		232		fes
		M		808
:	`	HAN		
: : :	Eaganus Caiam (2) Millso Arom Trioura	Title: Of Study on pollination ecology in three morphs of	Dept of Botassy, Tholy Exass Edlege.	Du Somnath Kan, chlosistant & Rafesson of
		N		$\subseteq$

conference at Tripura University from 10th to 12th October, 2023 organised by In recognition of attending / presenting a Paper/ Poster/ Prototype in the Research & Development Cell, Tripura University (A Central University), Suryamaninagar, Tripura, India - 799022

Convener HERTSS-2023

Director, RDC
Tripura University

Vice-Chancellor
Tripura University

Dir. Tripu







# CERTIFICATE OF PARTICIPATION

# NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME

This is to certify that ..... Holy Cross College, Agartala Dr. Somnath Kar

has completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by .Malaviya Mission Teacher Training Centre (MM-TTC),.... Tripura University, Suryamaninagar, Tripura from 11.03.2024 to 22.03.2024

Dated: 23.03.2024

Director/Coordinator (MM-TTC)



# Teaching Learning Centre Ramanujan College, University of Delhi (Accredited Grade 'A++' by NAAC) under the aegis of MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING

Harding addinintary of Education
Government of hodia

This is to certify that

# Dr. Somnath Kar

of

Holy Cross College, Agartala
successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education"
from 20 September - 19 October, 2023 and obtained
Grade A.t.



Blockchain Hash: 0x7023b9cfca29e2cf9baf9f749e1da2cfea2b526fadc9ac686413cb5d0a6a2582



Dr. Ashish Kumar Shukla (Course Coordinator) Ramanujan College

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

Nesthan

Dr. Nikhil Kumar Rajput (Deputy Director) TLC, Ramanujan College





# **Teaching Learning Centre**

Ramanujan College, University of Delhi
(Accredited Grade 'A++' by NAAC)
under the aegis of
MINISTRY OF EDUCATION
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

# Dr. Somnath Kar

으

Department of Botany, Holy Cross College, Agartala, West Tripura has successfully completed online Two – Week Refresher Course in "BOTANY"

from 29 July - 13 August, 2023 and obtained Grade <u>A.t.</u>



Blockchain Hash: 0xea6289e672ca8d8037d5999af6b3e1ba2bcd29d005ab717bf1ff39e5615e30b3

Messitan.

Dr. Nikhil Kumar Rajput (Deputy Director) TLC, Ramanujan College

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

TLC, Ramanujan College



## CERTIFICATE OF PARTICIPATION

This certificate is presented to

### Dr. Somnath Kar

for participating in the workshop for teachers on 'Supporting Students' Sensemaking organized by IDP-Educational Technology, IIT Bombay in association with through Karyotype: A Technology-Enhanced Learning Environment' the Department of Botany, Holy Cross College, Agartala on 29th February to 1st March 2024

Dr. Debasree Lodh

Holy Cross College, Agartala Head, Dept. of Botany

> Dr. Fr. Benny K. John, CSC Starter

Principal

Holy Cross College, Agartala

**Prof. Sahana Murthy** 

IDP-Educational Technology, IIT Bombay Professor and Convener



## CERTIFICATE OF PARTICIPATION



This certificate is presented to

### Dr. Somnath Kar

for participating in the workshop for teachers on 'Supporting Students' Sensemaking the Department of Life Science & Biochemistry, St. Xavier's College, Mumbai organized by IDP-Educational Technology, IIT Bombay in association with through Karyotype: A Technology-Enhanced Learning Environment' on 1st February, 2024.

7

Hinde

Japans husly

Dr Prashant Ratnaparkhi

Head, Dept. of Life Science & Biochemistry St. Xavier's College, Mumbai

Dr Rajendra Shinde Principal St. Xavier's College, Mumbai

Prof. Sahana Murthy

Professor and Convener IDP-Educational Technology, IIT Bombay







# INTERNATIONAL WEBINAR ON FLOOD HAZARD AND RISK ASSESSMENT

## CERTIFICATE OF PARTICIPATION

This certificate is presented to

### Dr. Somnath Kar

for participating in the

International Webinar on Flood Hazard and Risk Assessment

Organized by IQAC & Disaster Management Cell

Anandaram Dhekial Phookan College, Nagaon, Assam

in collaboration with

Geo-Informatics Center, Asian Institute of Technology (AIT), Thailand

& Centre for Disaster Resilience, University of Twente, Netherlands

on 26<sup>th</sup> June 2023

Director, Geo-Informatics Center (Dr. Manzul Kumar Hazarika)

Asian Institute of Technology (AIT) Thailand

(Dr. Chittaranjan Nath)

Coordinator, IQAC

ADP College, Nagaon, Assam

Principal i/c, ADP College, Nagaon (Dr. Mridul Kumar Hazarika)







	This is to certify that
Prof. /	Dr. / Mr. /Ms. / Mrs. Somnath Kar
Assistant F	Professor, Holy Cross College, Agartala

has participated

IN THE 7-DAY NATIONAL LEVEL FDP/WORKSHOP ON "EMERGING DYNAMICS AND TRENDS IN RESEARCH METHODOLOGY & RESEARCH PUBLICATIONS"

organised by

Internal Quality Assurance Cell (IQAC) & Centre for Counselling Psychology In Collaboration with the Faculty of Science and Humanities of

Holy Cross College, Agartala, with Grade A+

Accredited by NAAC with 'A+' Grade (Cycle 2)

on 29th June to 05th July, 2023

Jugana

Dr. Sushobhan Sengupta

Convener

Smt. Moushumi Jena Co-ordinator Dr. Fr. Benny K John, CSC

Principal

Jubatara, P.O., Lembucherra, Tripura W.- 799009, Phone: +91 9402315672, www.holycrosscollege.in



### CERTIFICATE

### OF PARTICIPATION











### Subhajit Paul Holy Cross College, Agartala

has participated in

5 Days Faculty Development Program on "Effect of Generative AI in Modern Research and Industry",

organized by Department of Computer Science, Sister Nivedita University, Kolkata, India conducted from 29th April 2024 - 3rd May 2024

Prof. (Dr.) Dhrubajyoti Chattopadhyay Vice-Chancellor, Sister Nivedita University

Dr. Sanku Bose, Group Chief Executive Officer, Techno India Group

Dr. Anirban Mitra,

HoD, Department of Computer Science Sister Nivedita University, India





### Certificate

This is to certify that

### SOMDEB ROY BARMAN HOLY CROSS COLLEGE

has participated in the 7 Day National level Online Faculty Development Program

on Outcome Based Education and Essential Al Tools for Teachers,

organised by The Internal Quality Assurance Cell (IQAC)

and The Department of Computer Science, St. Albert's College (Autonomous), Ernakulam,

in association with The Kerala State Higher Education Council (KSHEC)

from 02 November 2023 to 09 November 2023

and has successfully completed all the tasks, assignments and assessments and secured an A grade.

Dr. Bijoy V M

Principal
St. Albert's College (Autonomous), Ernakulam

Certificate ID: 4gHnCVZvC6

Dr. Krishnakumar K S

IQAC coordinator

St. Albert's College (Autonomous), Ernakulam



### SRM INSTITUTE OF SCIENCE AND TECHNOLOGY FACULTY OF SCIENCE AND HUMANITIES RAMAPURAM, CHENNAI



### Certificate of Participation

This certificate presented to

### SOMDEB ROY BARMAN

has participated in a One- Week International Virtual Workshop on RESEARCH METHODOLOGY held from October 09th to 14th, 2023 organized by the Department of English and Other Foreign Languages, Faculty of Science and Humanities, SRM Institute of Science and Technology, Ramapuram, Chennai - 600089.

Issuing date

2023-10-21

Valid certificate ID

be9fa890-6c29-4b2da665-bd7c0f7befb2

Dr. S Leela Prof. 8

Head/EFL

Dr. S Saravanan Vice-Prinicpal (Academics)

Menhalyamanan Dean (S&H)



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

Assistant Professor, Holy Cross College

has participated

IN THE 7-DAY NATIONAL LEVEL FDP/WORKSHOP ON "EMERGING DYNAMICS AND TRENDS IN RESEARCH METHODOLOGY & RESEARCH PUBLICATIONS" organised by

Internal Quality Assurance Cell (IQAC) & Centre for Counselling Psychology In Collaboration with the Faculty of Science and Humanities of

Accredited by NAAC with 'A+' Grade (Cycle 2) Holy Cross College, Agartala, with Grade\_

on 29th June to 05th July, 2023

Sycasor

Smt. Moushumi Jena

Co-ordinator

Dr. Fr. Benny K John, CSC

Convener

Dr. Sushbblan Sengupta

iembi, пено, "прил W. 799009, Phone. F91 9402315672, www.holycrosscottege.in





### OF PARTICIPATION

This is to certify that

Rupa Saha

Holy Cross College

jointly organised by the PG and Research Department of Commerce, attended the FDP Course on Research Ethics in Higher Education Rani Anna Government College for Women, Tirunelveli &

Globethics, South Asia Centre, Bangalore from 18 - 25 September 2023. Marks Scored: 15/30

アンスを

Dr. C.V. Mythili, Principal, Rani Anna Government College for Women, Tirunelveli

Rev. Dr. Jose Nandhikkara, National Director, Globethics-net India & Editor-in-Chief, Journal of Dharma Streetun





Ref.no.- HIT/CF/FDP/2023/1707218

[An Autonomous NBA Accredited and NAAC A+ Graded Institution] in association with **INTERNAL QUALITY ASSURANCE CELL (IQAC)** 

### **Certificate of Participation**

This is to certify that Mr. Achintya Bhattacharjee, Assistant Professor from Holy Cross College, Agartala has participated in Five Days Online Faculty Development Program (FDP) on "Recent Trends in Civil Engineering" organized by Department of Civil Engineering, Haldia Institute of Technology, West Bengal, India from 17<sup>th</sup> - 21<sup>st</sup> July, 2023.

HALDIA INSTITUTE OF TECHNOLOGY DEPARTMENT OF CIVIL ENGINEERING

**DEPARTMENT OF CIVIL ENGINEERING** 











### STAR INTERNATIONAL

### Foundation for Research and Education

(Registered Under Indian Trust Act, ISO Certified and 12AA & 80G Approved Organisation)

Tiruchengode-637211, Namakkal-Dt, Tamil Nadu, India

### e-Certificate of Recognition

This is to certify that Prof/Dr/Mr/Ms Rebecca Debbarma, Assistant professor in English,

Holy Cross College, has actively participated in "ONE DAY ONLINE FACULTY

DEVELOPMENT PROGRAM ON AI TOOLS FOR TEACHING" organized by Star

International Foundation for Research and Education on 22.06.2024

Dr.S. Sekar

Founder / Managing Trustee

Certificate ID HWOBAE-CEOODD60



### CERTIFICATE OF PARTICIPATION

This award is proudly presented to

### MANDRITA SAHA

for participating in the 7 Days Online International Faculty Development Program on "Latest Trend and Techniques in Software Engineering: An Industry Perspective" organized by the Department of Computer Science, CHRIST (Deemed to be University), Bangalore during 20th - 27th January 2024.

DR SAGAYA AURELIA P FDP Co-ordinator



DR ASHOK IMMANUEL V Head of Department



### BABU BANARASI DAS

### NORTHERN INDIA INSTITUTE OF TECHNOLOGY, LUCKNOW

Affiliated to Dr. A.P.J. Abdul Kalam Technical University (AKTU College Code : 056)
Approved by All India Council of Technical Education(AICTE)



Organized by the Departments of Electronics & Communication Engg. and Electrical Engg. on "Trends in Technological Intelligence 2023 (T<sup>2</sup>I-2023)"

### **CERTIFICATE OF PARTICIPATION**

This is to certify that

### **MANDRITA SAHA**

from **HOLY CROSS COLLEGE** has successfully attended Five Days Online Faculty Development Programme(FDP) on **"Trends in Technological Intelligence 2023 (T<sup>2</sup>I-2023)"** organized by the Departments of Electronics & Communication Engineering and Electrical Engineering, BBDNIIT from **August 21 to 25, 2023**.

Prof. Sanjay Kr. Sharma Convener - T<sup>2</sup>I-2023

arma Dr. V. K. Singh
Chief Convener - T<sup>2</sup>I-2023



Made for free with Certify'em

ID: UOPOJY-CE000086







This is to certify that

Dr./Mr./Ms./Er. MANDRITA SAHA
Organization Name
HOLY CROSS COLLEGE, AGARTALA

has successfully participated in One Week National Level Faculty Development Program on "Artificial

Intelligence Beyond Today: Exploring Emerging Trends and Possibilities" in the Department of Computer

Science & Engineering, Chandigarh University in hybrid mode held

from 5th January, 2024 - 10th January, 2024.

We thank you for your valuable participation and wish you good luck in future endeavours.

THE UNITED BY

Naupreet

Dr. Navpreet Kaur Walia

Batch Head CSE Final Year Department of CSE

Dr. Sachin Ahuja

Executive Director, UIE

Dr. Parveen Kumar Bajaj

Professor Department of CSE



### DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY

### CERTIFICATE



This is to certify that

Mandrita Saha

has successfully participated in an Online Training and Certification Course (OTCC) on Cyber Security conducted by DIAT.

This course was held from 12th June 2023 to 22nd December 2023. He/She is awarded with

### DIAT CERTIFIED INFORMATION ASSURANCE PARTICIPATION

Certificate hereby.

Dr. Deepti Vidyarthi

Dridyarthi

**Course Coordinator** 

Marisha J Nene

**Course Director** 

Serial Number: OTCCCSAP04C139
Date of issue: 20/02/2024





This is to certify that	Dr. Susmita Bhattachar	jee	_, Assistant Professor/ Teacher	
/Research Scholar/ /Stude	ent,Assistant	Professor, Ho	oly Cross College, Agartala	
successfully participated	in the '5 Day FDP cu	ım National	Workshop on Strategies for	
Assimilation of IKS with Modern Education System', organized by the Central Sanskrit				
University Ekalavya Campus, Agartala in joint collaboration with the Department of History,				
Holy Cross College, Agartala held from 18th to 22nd March 2024. We commend your active				
involvement with Grade _	A+ and thus con	ntributing to	the success of the 5 Day FDP	
cum National Workshop.	Demijee	Fr. Benny	f. K. mdalon	

Ms. Smita Debnath Coordinator, 5 Day FDP cum National Workshop Holy Cross College, Agartala Dr. Suman Acharjee Coordinator, FDC, CSU, Ekalavya Campus Dr. Fr. Benny K. John, CSC Principal, Holy Cross College, Agartala Prof. Prabhat Kumar Mohapatra Director, Central Sanskrit University Ekalavya Campus, Agartala



### STAR INTERNATIONAL

### Foundation for Research and Education

(Registered Under Indian Trust Act, ISO Certified and 12AA & 80G Approved Organisation)
Tiruchengode-637211, Namakkal-Dt, Tamil Nadu, India

### e-Certificate of Recognition

This is to certify that Prof/Dr/Mr/Ms Dr.Tomina NS, Assistant professor, Dept.of Teacher

Education, Holy Cross College, Agartala, has actively participated in "ONE DAY

ONLINE FACULTY DEVELOPMENT PROGRAM ON AI TOOLS FOR TEACHING"

organized by Star International Foundation for Research and Education on 22.06.2024

Co Tun

Dr.S. Sekar Founder / Managing Trustee

### **Bhavan's Tripura College of Teacher Education**



Permanently recognized by National Council for Teacher Education (NCTE). Permanently affiliated to Fripura University (A Central University) & SCERT,Recognized by UGC under section 2 (f) & 12 (B) of UGC Act, 1956 . Accredited NAAC With B++ Grade & An ISO Certified Institution

### Vidyasagar College of Education

Rupandighi, Phansidewa, Darjeeling, West Bengul-734434 Recognized by NCTE & Affiliated to BSAEU. Kolkata An ISO Certified Institution

Reg.No: FDP/BTCTE/VCE/24052



### Certificate of Participation



We have great pleasure in certifying that Mr./Ms./Prof./Dr.

**Holy Cross College** 

has successfully participated in one week Faculty Development Programme on "Teaching Strategies, Research & Innovation" organized by Bhavan's Tripura College of Teacher Education, Narsingarh, Agartala with collaboration of Vidyasagar College of Education, Darjeeling ,West Bengal held from 23<sup>rd</sup> June to 30<sup>th</sup> June, 2024.We highly appreciate his/her valuable contribution to success of the Faculty Development

Para tosh Mahato

Programme.

Mr. Paritosh Mahato (Convener) Dr. Mridul Chakraborty (Convener)

Mr. Suman Gupta (Org. Secretary) Dr. Savita Mishra (Principal ,VCE) Dr. Rajat Dey (Principal ,BTCTE)



## **NATIONAL LAW UNIVERSITY TRIPURA**

### CERTIFICATE **NIEPA, NEW DELHI**

THIS CERTIFICATE IS PRESENTED TO

Dr. Sushobhan Sengupta

for successfully completing five-days faculty development programme on

"Designing, Developing & Delevering Online/Blended Learning Courses"

from December 13-17, 2023

Prof. K. Srinivas

Chairperson, E-Learning Cell,

NIEPA, New Delhi

Prof. (Dr.) Yogesh Pratap Singh

Vice-Chancellor **NLU** Tripura





This is to certify that

Prof. / Dr. / Mr. /Ms. / Mrs. Susmita Banerjee

Assistant Professor, Department of History, Holy Cross College, Agartala

has participated

IN THE 7-DAY NATIONAL LEVEL FDP/WORKSHOP ON "EMERGING DYNAMICS AND TRENDS IN RESEARCH METHODOLOGY & RESEARCH PUBLICATIONS"

organised by

Internal Quality Assurance Cell (IQAC) & Centre for Counselling Psychology
In Collaboration with the Faculty of Science and Humanities of

Holy Cross College, Agartala, with Grade A+

Accredited by NAAC with 'A+' Grade (Cycle 2)

on 29th June to 05th July, 2023

Sigena

Dr. Sushobhan Sengupta

Convener

Smt. Moushumi Jena Co-ordinator Dr. Fr. Benny K John, CSC

Principal

Jubatara, P.O., Lembucherra, Tripura W.- 799009, Phone: +91 9402315672, www.holycrosscollege.in



### NATIONAL ONLINE FACULTY DEVELOPMENT PROGRAM ON HUMAN RIGHTS

This is to Certify that Miss. <u>SUSMITA BANERJEE</u> affiliated to <u>TRIPURA UNIVERSITY</u> has successfully completed 7 Days "National Online Faculty Development Program on Human Rights" from 11th December 2023 to 17th December 2023, organized by the Department of Law, Central University of Karnataka on the occasion of International Human Rights Day 2023.

BX

Prof. R. R. Biradar Registrar Central University of Karnataka Dr. Basavaraj M. Kubakaddi Dean School of Legal Jurisprudence Studies