1. **Details of the Teacher**

Name	Prof. Venkata Subrahmanyam Vampugani
Date of Birth	19-05-1972
Date of Joining in IGNOU	5th August, 1998
Current Designation	Professor, SOCIS & Director (I/C), P&DD, IGNOU
Pay Scale as on date	Rs.1,99,600/- (Basic)
Highest Educational Qualifications & Discipline	Ph.D (Computer Science)

2. **Honour/Award/Fellowship/membership of Professional body/ Statutory body (internal/ external) received by the Teacher/ Academic:**

Name of the recipient	Honour /Award/ Fellowship name	Agency name /Name of statutory body/ institution/ Apex body	Period
Prof.V.V. Subrahmanyam	**Award: Teaching and Research Excellence**	IRDP Group of Journals, Chennai, India	2018

3. **Books/Book Chapter:**

- Co-author/co-editor if any, title, place of publication, publisher, Year, page (no) s, ISBN

S N o.	Name of Author1/ Editor 1, & Co- author (s) / Co-editor (s) (if any)	Title of chapter/ book	Place of publication	Publisher	Year	Total Pages	ISBN No.
1	Autors: V.V. Subrahmanyam , Swathi.K	**Chapter -11**: Role of Web 2.0 in Shaping the Future of Education **Book Title:** Open Distance Learning in	Hyderabad	BookLinks Corporation	2011	200	978-81-85194-86-8

		Transition – Future Perspectives					
2	Author V.V.Subrahmanyam	**Chapter – 6:** Use of Technology for Learner Support Services: A Case Study of IGNOU **Book Title**:Technology for Efficient Learner Support Services in Distance Education - Experiences from Developing Countries	Singapore, Page Nos: 113 – 132 https://www.springer.com/in/book/9789811322990#otherversion=9789811323003 https://doi.org/10.1007/978-981-13-2300-3_11	Springer	2018	275	ISBN: 978-981-13-2299-0
3	**Authors** V.V. Subrahmanyam , Jyoti Bisht	**Book Title: ICIDSSD** Proceedings of the 2nd International Conference on ICT for Digital, Smart, and Sustaina	**European Union Digital Library (EUDL)** http://dx.doi.org/10.4108/eai.27-2-2020.2303123	EAI, Belgium	March , 2021	Pg Nos:	ISBN 978-1-63190-292-5 ISSN 2593-7642

		ble Development **Editors:** M. Afshar Alam, Ranjit Biswas, Jawed Ahmed and Farheen Siddiqui **Chapter 3:** Survey on Load Balancing and Scheduling Algorithms in Cloud Integrated Fog Environment					
4	**Authors** V.V. Subrahmanyam, Sarita Bansal Garg	**Book Title:** Smart and Sustainable Intelligent System **Editors:** Namita Gupta Prasenjit Chatterjee Tanupriya a	**https://doi.org/10.1002/9781119752134.ch19**	Scrivener Publishing LLC also indexed in Wiley Online Library. 2021.	March, 2021	Pg Nos: 259-280	Print ISBN: 9781119 750581, Online ISBN : 9781119 752134,

		Choudhury					
		Chapter 19: A Survey on Various Negation Handling Techniques in Sentiment Analysis					
5	V.V. Subrahmanyam, Sarita Bansal,.	**Book Title:** Advanced Computing and Intelligent Technologies **Editors:** Bianchini, M, Piuri V, Das S, Shaw R. N **Chapter** Sentiment Analysis: Choosing the Right Word Embedding for Deep Learning Model	https://doi.org/10.1007/978-981-16-2164-2_33	Springer	July, 2021	Pg Nos:417 to 428	ISBN: 978-981-16-2163-5(print) Online ISBN: 978-981-16-2164-2 Indexed by SCOPUS, INSPEC, WTI Frankfurt eG, zbMATH, SCImago .
6	V.V Subrahmanyam	**Book Title:** National Educatio		Nutan Printers	July, 2021	Pg Nos: 188 to 199	ISBN-978-93-91229-29-0.

		n Policy-2020: Issues, Challenges and Reflections Editors: Rajendra Prasad Das, Santosh Panda Chapter 14: Online Support Provided by SOCIS-IGNOU during Global Pandemic – A Step towards the Coalition of Technological Interventions Mentioned in NEP-2020					
7	V.V Subrahmanyam	**Book Title:** Handbook on Online Education in Commonwealth Asia	https://www.cemca.org/ckfinder/userfiles/files/HandbookonOnlineEducationinCommonwealthAsiaByDrPanigrahiandDrP	CEMCA, New Delhi	2022	Pg Nos: 133 to 145	ISBN-978-81-99770-42-7

		Editors: Dr. Manas Ranjan Panigrahi Dr. Phalachandra Bhandigadi Chapter III: Commomwealth Asia: Institution Case Study Reports Indira Gandhi National Open University, India	halachandra.pdf				

4. Research Articles/Publications:

S N o	Author/ Co-author (if any)	Title	Name of Journal	Volume	Page no. (s)	Year	ISSN No
1	V. V. Subrahmanyam, Renuka Mathapati, Jagadeesh Pujari	Salient Point Based Steganography	International Journal Of Engineering Science and Computing (IJESC),	Vol:7, Issue No.9	14899-1489 01	Sept 2017	ISSN: 2321-3361
2	V.V. Subrahmanyam	Flipped Classroom Models for Conventional and Open and Distance Education Learners	International Journal of Emerging Technologies and Innovative Research	Vol.6, Issue 5	84-89	May, 2019	ISSN:2 349-5162

		http://www.jetir.org/papers/JETIR1905B12.pdf					
3	V.V. Subrahmanyam	Approaches for Curation of Open Educational Resources http://www.ijrar.org/viewfull.php?&p_id=IJRAR19L1008	Journal of Research and Analytical Reviews (IJRAR)	Volume – 6, Issue-2,	44-47	May, 2019	P-ISSN-2349-5138
4	Sweety Kataria, V. V. Subrahmanyam	A Study on Software Defect Prediction Using Artificial Intelligence Techniques	The Journal of Oriental Research Madras			2020	0022-3301
5	Jyoti Bisht, V. V. Subrahmanyam	Load and Cost Aware Min-Min Workflow Scheduling Algorithm for Heterogeneous Resources in Fog, Cloud and Edge Scenarios http://doi.org/10.4018/IJCAC.2022010105	International Journal of Cloud Applications and Computing (IJCAC)	Volume-12, No.1		2022	ISSN: 2156-1834 (E-ISSN: 2156-1826)
6	Sweety Kataria, V. V. Subrahmanyam	Software Defects Classification Using RNN Model https://www.publishoa.com/index.php/journal/article/download/739/630	Journal of Algebraic Statistics	Volume 13, No:3	1208-1218	2022	ISSN: 1309-3452

7	Jyoti Bisht, V. V. Subrahmanyam	Improvising service broker policies in fog integrated cloud environment DOI: 10.1504/IJCNDS.2022.10043601	Intl. Journal of Communication Networks and Distributed Systems	Volume: 28, No.5	534-553	2022	(ISSN: 1754-3924)(P-ISSN: 1754-3916
8	V.V. Subrahmanyam, Sarita Bansal Garg	Negation Handling: Sentiment Analysis Using Super Ensemble Method in Deep Learning DOI: 10.17010/ijcs/2023/v8/i3/172862	Indian Journal of Computer Science	Vol – 8, Issue - 3	08-16	2023	ISSN: 2456-4133
9	V.V. Subrahmanyam, Kailasam Swathi	Generative AI Applications for Creating Authentic Assessments https://www.ijrdet.com/files/Volume14Issue11/IJRDET_1125_69.pdf	International Journal of Recent Development in Engineering and Technology	Vol-14, Issue – 11	412-423	2025	ISSN: 2347-6435

5. Policy Documents Reports/ Mimeos:

SNo.	Title	Institution/ Agency	Year
1	PGDCA Programme Guide	SOCIS, IGNOU	Nov,2019
2	Compiled and prepared SOCIS Online Support Guide for CIT, BCA, PGDCA and MCA students.	SOCIS, IGNOU	March, 2020
3	Gurudakshita (Faculty Development Programme)	IGNOU	May,2020
4	Institutional OER Policy 2022	IGNOU	June, 2022
5	Upgradation of Infrastructure	CIQA, IGNOU	2025 (In the processing)
6	Manual of Examination Automation System	CIQA, IGNOU	2025 (In the processing)
7	Technology Use and Integration of Online and Digital Education	CIQA, IGNOU	2025 (In the processing)

8	Online and Digital Education	CIQA, IGNOU	2025 (In the processing)

6. Book Review Published :

SN o.	Author/ Co-author (if any)	Title	Name of Publisher	Volume	page no. (s)	Year	ISSN No
1	Dr. Jacob Manu, Dr. Samuel Antwi	Instructional Technology in the 21st Century: Tools and Strategies for Effective Teaching and Learning	BP International https://peerreviewarchive.com/review-history/3766 https://doi.org/10.9734/bpi/mono/978-93-49238-00-8	-	1-148	Jan,2025	ISBN 978-93-49238-00-8 (Print) ISBN 978-93-49238-89-3 (eBook)

7. Presentation/Invited talk/Chair in National or International Seminar/Conference/ Workshops (Please do not mention if it is only participation without presentation)

SNo	Author/ Co-author (if any)	Title of Presentaition/Talk/Lecture	Name of Organizing Institute	Conference	City	ISSN No	Date and Year
1	V.V. Subrahmanyam, Prof M.N. Doja	**Cloud Computing and Data Warehousing**	Apeejay School of Management, Dwarka, New Delhi, India	Innovative Practices in Information Technology & Operations Management (Innovations-2014),	New Delhi	Pg Nos: 31-40 ISBN No: 978-81-906991-9-7	17th Jan, 2014
2	V.V. Subrahmanyam, K. Swathi	**MOOCs : A New Perspective for Online**	Tamilnadu Open University(TNOU), Chennai, India	XX IDEA (2015) titled Empowering India through Open and Distance	Chennai, India	Pg Nos: 439-442	23-25 April 2015

		Higher Education		Learning: Breaking down Barriers, Building Partnership and Delivering Opportunities		ISBN No: 978-93-81830-89-5	
3	V.V. Subrahmanyam, K. Swathi,.	**"Big Data – Issues and Challenges"**	G.Narayanamma Institute of Technology & Science (GNITS), Hyderabad, India	National Conference on Emerging Trends in Information Technology ETIT-2015	Hyderabad, India	Pg Nos: 65-69 ISBN No: 978-93-85100-58-1	28-29 Dec, 2015
4	V.V. Subrahmanyam	**Role of Social Media in providing student support for students of ODL**",	STRIDE, IGNOU, New Delhi	Two Day National Training Workshop on "Policies, Innovations and Governance in Open Distance learning	New Delhi	-	18-19 February, 2016
5	V.V. Subrahmanyam, K. Swathi, M. Ram Gopal	**"A Survey on Intrusion Detection Techniques for Cloud"**	Knowledge Engineering Research Group, Dept. of Computer Science and Engineering, Koneru Lakshmaiah University (KLU), Green Fields	DST sponsored National Conference on Big Data Analytics (NCBDA – 2016)	Vaddeswaram, Guntur Dist, Andhra Pradesh	Pg Nos: 103-108 ISBN No: 978-93-85818-85-1	18-19 March, 2016

6	V.V. Subrahmanyam, K. Swathi	**MOOCs in the Digital Age Learning – An Indian Perspective**	Commonwealth of Learning (COL) and Open University Malaysia (OUM) with the theme Open, Online and Flexible Learning : The key to Sustainable Development	8th Pan-Commonwealth Forum of Open Learning (PCF8)	Kaula lumpur, Malaysia.	Online Publication	27-30 Nov, 2016
7	V.V. Subrahmanyam, K. Swathi	**Augmenting Training and Development for Management Students and Professionals through MOOCs**	Sri Guru Tegh Bahadur Institute of Management & Information Technology (SGTBIMIT) SGTBIMIT	National Conference on Digitization: Envisioning Technology and Accelerating Growth in Business Transformation (NCD'16)	New Delhi.	Pg Nos: 152-157 ISBN: 978-81-906342-6-7 Sparsh Book Gallery, New Delhi.	10th Dec, 2016
8	Subrahmanyam, K. Swathi	**MOOCs Initiative of IGNOU using SWAYAM**	Centre of Distance Education, Acharya Nagarjuna University,	XXI IDEA Annual Conference-2017 on Open & Distance Education in India : Emerging Issues & Challenges	Guntur, AP, India		29th April – 1st May, 2017
9	V.V. Subrahmanyam, K. Swathi	**Use of Mobile Apps to Enhance the Access**	STRIDE, IGNOU, New Delhi, India	International Seminar on Skill Development through	New Delhi		9-11 March, 2017

		to ODeL Students		ODeL: Innovations, Entrepreneurship, Employment for Inclusive and Sustainable Livelihoods			
10	V.V. Subrahmanyam, K. Swathi	**Improving Student Engagement and Active Learning through Flipped Classroom Model**	Regional Services Division, IGNOU, New Delhi organized at Jaipuria Institute of Management	National Seminar on ICT Support for Inclusive Digital Learning	Noida, UP, India		21-22 April, 2107
11	V.V. Subrahmanyam, K. Swathi	**OERs Curation: A Step Towards Content Curation from Content Aggregation**	Regional Centre, Jorhat, IGNOU in collaboration with Krishna Kanta Handique State Open University, Assam and CSIR – Noth East Institute of Science and Technology	National Conference on VISION-2025: Connecting North East Through Open and Distance Learning	Jorhat, Assam, India		8-9 July, 2017
12	V.V. Subrahmanyam, K. Swathi	**QR-Code Based Access to OERs and SLMs for ODL Students**	Krishna Kanta Handique State Open University, Guwati, Assam at NEDFi Convention Centre	International Conference on Developmental Interventions and Open Learning for Empowering and Transforming Society	Dispur, Guwahati, Assam, India	Pg Nos: 285-290 ISBN: 978-81-934669-0-2.	16-17 Dec, 2017

13	V.V. Subrahmanyam, K. Swathi	"**Artificial Intelligence and its Implications in Education**"	Kakatiya University, Warangal , Telangana, India	International Conference on Improved Access to Distance Higher Education Focus on Underserved Communities and Uncovered Regions under the subtheme: New Pedagogies	Warangal, Telangana State, India		11-12 Aug, 2018
14	V.V. Subrahmanyam, K. Swathi	An Innovative Way of Developing Self Learning Material by Embedding QR-Codes To Enhance Learning Experience	Hanoi Open University, Hanoi, Vietnam	32nd Annual Conference of the Asian Association of Open Universities 2018 (AAOU 2018) on Open Education in Human Resource Development in Asia's Period of Integration	Hanoi, Vietnam	Pg Nos. 783-788 ISBN-978-604-95-0635-2	24-26 Oct, 2018
15	V.V. Subrahmanyam, K. Swathi	Towards Blockchain-Based Applications in Education	Open University of Hongkong	International Conference on Open and Innovative Education (ICOIE 2019)	Hksar, Hongkong	Pg Nos.70-83 ISBN:978-988-8439-62-1	10-12 July, 2019
16	V.V. Subrahmanyam, Sari Bansal	A Survey on Various Negation Handling Techniques in Sentiment Analysis	Maharaja Agrasen Institute of Technology organized by Dept. of Computer	International Conference on Smart Sustainable Intelligent Computing and Applications	Delhi	Pg Nos. 259-280 ISBN: 978111	4-6 Feb, 2020

			Science and Engineering, Maharaja Agrasen Institute of Technology, Delhi	(ICITETM-2020)		9750581 **https://doi.org/10.1002/9781119752134.ch19**	
17	V.V. Subrahmanyam, Jyoti Bisht	Survey on Load Balancing and Scheduling Algorithms in Cloud Integrated Fog Environment	Jamia Hamdard organized by Dept. of Computer Science, School of Engineering Sciences, Jamia Hamdard University, New Delhi	2nd International Conference on ICT for Digital, Smart and Sustainable Development (ICIDSSD'20)	New Delhi	Pg. Nos. 54-64 ISBN: 978-1-63190-292-5, ISSN-2593-7642	27-28 Feb, 2020
18	V. V. Subrahmanyam	IGNOU Enabling Education Through ICT Interventions Amid COVID-19	Krishna Kanta Handique State Open University, Guwati, Assam in collaboration with Commonwealth Educatinal Media Centre for Asia(CEMCA)	International Conference on Teaching-Learning in the Time of Pandemic: Role of Online Learning	Online		21-22 April, 2020
19	V.V. Subrahmanyam, Swathi. K	Wearable Technology and its Role in Education	Centre for Distance and Open Learning, Jamia Millia Islamia, New Delhi	International Conference - 2020 on Distance Education and Educational Technology (ICE-CODL 2020)	New Delhi	Pg. Nos. 88-94 ISBN: 9788194314776	10-11 Dec, 2020

20	V.V. Subrahmanyam, Jyoti Bisht	Energy efficient and optimized Makespan Workflow Scheduling Algorithm for Heterogeneous Resources in Fog-Cloud-Edge Collaboration	Amity University, technically co-sponsored by IEEE CONFERENCE RECORD NUMBER -51648	Confluence 2021 (11th International Conference on Cloud Computing, Data Science & Engineering)	New Delhi	DOI: https://ieeexplore.ieee.org/document/9398042	28-29 Jan, 2021
20	V.V. Subrahmanyam, Sarita Bansal	Sentiment Analysis: Choosing the Right Word Embedding for Deep Learning Model	School of Computing Science and Engineering(SCSE), School of Electrical, Communication & Electronics Engineering(SEECE) Galgotias Universtiy, India and Department of Information Engineering and Mathematics Universita Di Siena, Italy	International Conference on Advanced Computing and Intelligent Technologies (ICACIT-2021)	New Delhi	Pg Nos. 417-428 ISBN: 978-981-16-2163-5(print) Online ISBN: 978-981-16-2164-2	20-21 March, 2021
21	V. V. Subrahmanyam, Sweety Kataria	Machine Learning :Supervised and Unsupervised	Jiwaji University, Gwalior, Inspira Research	11th International Conference on Multidisciplinary Research	Jaipur		28-29 Jan, 2022

		Learning Techniques	Assc, Jaipur.	Practices (ICMRP 2022)			
22	V. V. Subrahmanyam, Sweety Kataria	Machine Learning Approaches in Human Healthcare	Maharishi Arvind Institute of Science & Management and IRA, Jaipur.	12th International Multidisciplinary Conference on Innovations , Achievements & Challenges (IMCIAC-2022)	Jaipur		25-26 Feb, 2022
23	V.V. Subrahmanyam, Sarita Bansal	Advanced Ensemble Approach for Sentiment Analysis Using Deep Learning Models	S S G Pareek P G College and Inspira Research Association	International Multidisciplinary Conference on Shaping The Future Trends and Insights for Tomorrow (ICSFTIT)	Delhi	Awarded 3rd best Paper Award in the Future Trends and Insights in Information Technology Environment and Women Empowerment.	29-30 Sept, 2023
24	V.V. Subrahmanyam, Sarita Bansal	Super Deep Learning Ensemble Model for Sentiment Analysis	School of Engineering and Technology, Sharda University, Greater Noida	4th IEEE International Conference on Computing, Communication, and Intelligent Systems (ICCCIS-2023) (IEEE	Greater Noida, UP	ISBN: 979-8-3503-0611-8.	3-4 Nov, 2023

				Conference Record #60361)			
25	V.V. Subrahmanyam, K. Swathi	Generative AI in Assessments: Technical Perspectives and Emerging Tools	by Faculty of Social Sciences and Education (FoSSED), Nepal Open University, in collaboration with ECEC Innovation in Education, with the support of NORHED II, Nepal, NLA University College University of Agder, Norway and Driestar Christian University, Netherlands	2nd International Conference on Reimagining Teacher Education: A Critical Appropriation of Local Traditions and Global Trends	Kathmandu, Nepal	Pg No: 62	10-11 Nov, 2025

Keynote Address

1. Delivered a Keynote address on "Emerging Trends in IT" on 25th July, 2020 in a National Webinar organized on The Role of IT in Skill India Project jointly organized by G H Raisoni Institute of Information Technology and IGNOU Regional Centre, Nagpur.
2. Delivered a Keynote address (to 570 participants) on the topic "Government of India Initiatives in Online Learning and Research" in a 2 day FDP under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching Scheme on the Theme Learning Advanced eTools for MOOCs Development & Research from 1.30pm to 3.30pm on 1st Sept, 2020 organized by Motilal Nehru College, , in collaboration with Teaching Learning Centre, Ramanujan College, University of Delhi.

3. Presented a session as a keynote speaker on Transforming the Future of Education- The Role of Teachers, Students and Parents in an International Webinar organized by an USA-Forum, LeadIndia.us on 5th Sept, 2020 at 7.30pm(IST).

4. Delivered a Keynote address on the topic "USE OF ICT in IGNOU" in a webinar organized by Computer Society of India (CSI)-Region-2, IGNOU-RC, Patna and IIBM, Patna on the Theme ICT in ODL from 11:00am to 2-00pm on 18th Oct, 2020.

5. Presented a session (online) as a keynote speaker on Transforming the Business Management with Artificial Intelligence, in the 2nd International Conference ICAMT-2021 organized by Sadabai Raisoni Women's College,Nagpur, India on 11th Dec, 2021 from 12-00 Noon to 12-30Noon.

6. Addressed a keynote session on "Massive Open Online Courses (MOOCs)", in the National Seminar on challenges and Opportunities for Higher Educational Institutions in Implementing NEP-2020 sponsored by Indian Council of Social Science Research (ICSSR) organized by DAV Centenary College, Faridabad, Haryana on 26th Nov, 2022.

7. Presented a Keynote Address (online) , in the STP in ICT Applications in Teaching and Learning (29th Nov – 5th Dec, 2024) organized by Malviya Mission Teacher Training Centre, The University of Burdwan on 29th Nov, 2024 from 12-00 Noon to 1-30PM.

8. Delivered a Keynote address on "Artificial Intelligence: Socio Economic Impact" on 11th March, 2025 in an ICSSR Sponsored One day National Webinar organized by Khalsa College for Women, Amritsar.

Resource Person for Refresher Programmes / Workshops /Invited Talk

- Resource person for the 3-day workshop on "Design and Development of eContent using Moodle" to the Faculty members of VMOU, Kota from 21-23 August, 2014 at VMOU, Kota, Rajasthan.

- Resource person for the Refresher programme of 3-week duration(31 Aug – 24th Sept 2015) in "Distance Education", Topic: Current Usage and Future Trends of LMS" on 18th Sept, 2015 from 11-45am to 1-15pm at Dr. S. Radhakrishnan Block, IGNOU organized by STRIDE, IGNOU, NDelhi.

- Resource person for the Refresher programme of 3-week duration(31 Aug – 24th Sept 2015) in "Distance Education", Topic: M-Learning: Developing and Using Learning Material and Apps for Mobile Devices" on 21st Sept, 2015 from 10-45am to11-30am at Dr. S. Radhakrishnan Block, IGNOU organized by STRIDE, IGNOU, NDelhi.

- Resource person for the Refresher programme of 3-week duration(2 Nov – 27th Nov 2015) in "Distance Education", Topic: "Current Usage and Future Trends of LMS" on 20th Nov, 2015 from 11-45am to 1-15pm at Dr. S. Radhakrishnan Block, IGNOU organized by STRIDE, IGNOU, NDelhi.

- Resource person for the Refresher programme of 3-week duration(2 Nov – 27th Nov 2015) in "Distance Education", Topic: "M-Learning: Developing & Using Learning Material and Apps for Mobile Devices" on 24th Nov, 2015 from 4-00pm to 5-15pm at Dr. S. Radhakrishnan Block, IGNOU organized by STRIDE, IGNOU, NDelhi.

- Resource person for the National Workshop on Development of Self Learning Materials (SLMs) in Open and Distance Learning 1-week duration(14-20 March, 2016), Topic: "Developing Practical-Based Materials: Issues and Challenges" on 17th March, 2016 from 4-00pm to 5-30pm at Dr. S. Radhakrishnan Block, IGNOU organized by STRIDE, IGNOU, NDelhi.

- Resource person for the Refresher programme of 3-week duration(18 Jul – 10 Aug 2016) on ICT in ODL for the Teachers and Academics of IGNOU, Topic: Role of Web

3.0 in ODL on 22nd July, 2016 from 4-00pm to 5-30pm at Dr. S. Radhakrishnan Block, IGNOU organized by STRIDE, SOCIS & RSD, IGNOU, NDelhi.

- Resource person for the Refresher programme of 3-week duration(18 Jul – 10 Aug 2016) on ICT in ODL for the Teachers and Academics of IGNOU, Topic: Use of Simulation, Augmented Reality & Virtual Reality on 28th July, 2016 from 2-15pm to 3-45pm at Dr. S. Radhakrishnan Block, IGNOU organized by STRIDE, SOCIS & RSD, IGNOU, NDelhi.

- Resource person for the Refresher programme of 3-week duration(18 Jul – 10 Aug 2016) on ICT in ODL for the Teachers and Academics of IGNOU, Topic: Delivery of Course / Programme Platform for implementation (LMS) on 3rd Aug, 2016 from 11-45am to1-15pm at Dr. S. Radhakrishnan Block, IGNOU organized by STRIDE, SOCIS & RSD, IGNOU, NDelhi.

- Resource person for the Refresher programme of 3-week duration (6-28 April, 2017) on ICT in ODL for the Teachers and Academics of IGNOU, Topic: Role of Web 3.0 in ODL on 10th April, 2017 from 10-00am to 11-30am at Dr. S. Radhakrishnan Block, IGNOU organized by STRIDE & RSD, IGNOU, NDelhi.

- Resource person for the Refresher programme of 3-week duration (6-28 April, 2017) on ICT in ODL for the Teachers and Academics of IGNOU, Topic: Use of Simulation, Augmented Reality & Virtual Reality on 10th April, 2017 from 11-45am to 13.15pm at Dr. S. Radhakrishnan Block, IGNOU organized by STRIDE & RSD, IGNOU, NDelhi.

- One-day invited talk on 6th May, 2017, Topics: (i) Role of Web 3.0 in ODL and (ii) Use of Simulation, Augmented Reality & Virtual Reality from 11-00am to 14.:00 hrs to students at DODL and (i) OERs and MOOCs for the Faculty of DODL, Dibrugarh University at Diretorate of Open and Distance Learning, Dibrugarh University, Dibrugarh, Assam

- Resource person for 7-day workshop on Design and Development of Self Learning Materials (SLMs) for Distance and Online Learning for 4 days (26-29 July, 2017) at Directorate of Distance and Open Learning (DODL), Dibrugarh Universit, Dibrugarh, Assam.

- Resource person for a session on "QR-Code Based Access to SLM's and OER's" for the IGNOU Faculty Development Programme (of 1-week duration, 6-12 November, 2017) on 12th November, 2017 from 11-30am to 12.30pm at Dr. S. Radhakrishnan Block, IGNOU organized by STRIDE, IGNOU, NDelhi.

- Resource person for a session on "Introduction to ICT and its Intervention in Local Governance: Need and Importance" for the Training of Trainers on Capacity Building Programme for Elected Women Representatives (EWRs) organized by National Institute of Public Cooperation & Child Development (NIPCCD) on 30th November, 2017 at Entrepreneurship and Management Process International (EMPI) Business School, New Delhi from 9-30am to 10-45am.

- Presented a session on "Innovative Ways of Offering Labs to ODL students" in an One-day Seminar on Innovative Ways of Offering Lab-based, Skill development and Technical Programmes in the context of the UGC Regulations on ODL 2017 to be held on 12th December, 2017 organised by NCIDE, IGNOU at IUC Conference Room.

- Presented a session on "IGNOUmZONE-Mobile App for IGNOU" in an Half-a-day Seminar on IGNOU Mobile App organised by NCIDE under the aegis of InnovationClub@IGNOU on 16th May, 2018 at Conference Room, VC Office, IGNOU, New Delhi.

- As a resource person, presented 3 sessions on "How to Read a Research Paper, How to Write a Research Paper and Literature Review" to the Ph. D students of Faculty of Management, SOMS, on 28th July, 2018 from 10:00am to 1:00pm organized at Conference Room, SOMS, Block-C, IGNOU.

- Organised a half a day discussion forum on "Assessment and Accreditation (A&A) of Open and Distance Learning (ODL) Institutions to collect the feedback for faculty of SOCIS and forward it to D(IQAC) on 19th Sept, 2018 at SOCIS Conference Room, IGNOU, New Delhi attended by all SOCIS Faculty. Sh. Akshay Kumar was the convener and moderator for the session and Dr.P. V. Suresh has done a presentation on "Accreditation".

- As a resource person for course work of M.Phil/Ph.D scholars in the area of Research Methodology on the theme "Conversion of SLM to multimedia" organized by STRIDE, IGNOU at Committee Room, Convention Centre from 11-30 am to 1-00pm on 26 Sept, 2018.

- As a resource person for course work of M.Phil/Ph.D scholars in the area of Research Methodology on the theme "Conversion of SLM to eModule" organized by STRIDE, IGNOU at Committee Room, Convention Centre from 11-30 am to 1-00pm on 27 Sept, 2018.

- Resource person for the Refresher programme of 3-week duration (9 Dec – 30 Dec 2018) for Teachers and Academics of IGNOU on the Topic: Role of AI in Education on 18th Dec, 2018 from 10-00am to11-30am at Dr. S. Radhakrishnan Block, IGNOU organized by STRIDE,IGNOU, New Delhi.

- Resource person for the panel discussion on "Operational issues related o Assignment, projects/dissertation handling/evaluation" in a 3 –day wokshop on Assessment and Evaluation in Open and Distance Learning (13-15 Feb, 2019) for Teachers and Academics of IGNOU on 15th Feb, 2019 from 10-00am to11-30am at IUC Conference Room, Dr. S. Radhakrishnan Block,IGNOU organized by STRIDE,IGNOU, New Delhi.

- Resource person for the panel discussion on "Interface with schools" in a 10 –day FDP on Revisiting and Review of Learner Support Services (LSS) at IGNOU in Spirit with UGC Guidelines (07-17 May, 2019) for Teachers and Academics of IGNOU on 17th May 2019 from 10-00am to11-30am at IUC Conference Room, Dr. S. Radhakrishnan Block,IGNOU organized by STRIDE,IGNOU, New Delhi.

- Resource person for a session on "Integration of Apps/Technology in SLM" for the Faculty Development Programme on Design and Development of Self Learning Materials: In Spirit of UGC (ODL) Regulations 2017, 13-23 Nov, 2019) on 22nd Nov, 2019 from 4-00pm to 5.30pm at Dr. S. Radhakrishnan Block, IGNOU organized by STRIDE, IGNOU, NDelhi.

- Resource person for 2 sessions on "SWAYAM 2.0 (Quadrant 1 & 2 eTutorials and eText)" for the Faculty Development Programme on Design and Development of Online Programmes/SWAYAM Courses on 12th Feb, 2020 from 2.15pm to 5.30pm at Conference Hall, Dr. S. Radhakrishnan Block, IGNOU organized by COE, IGNOU, NDelhi.

- Resource person for 2 sessions on "SWAYAM 2.0 (Quadrant 3 & 4 Assessment & Discussion Forum)" for the Faculty Development Programme on Design and Development of Online Programmes/SWAYAM Courses on 13th Feb, 2020 from 2.15pm to 5.30pm at Conference Hall, Dr. S. Radhakrishnan Block, IGNOU organized by COE, IGNOU, NDelhi.

- Resource person for a session on "Integrating of VR/AR/AI Applications in ODL" for the Faculty Development Programme on Integrating Technologies in Open and Distance Learning on 27th Feb, 2020 from 3.00 to 5.00pm at STRIDE Training Hall, Prof G. Ram Reddy Block, Block-16, IGNOU organized by STRIDE, IGNOU, NDelhi.
- Presented an invited talk on "Integrating Mobile in Teaching/Learning" on 17th May, 2020 at 11.30 am in an FDP on Development of SLM and eContent for University and College Teachers through Online organized by Dibrugarh University, Dibrugarh, Assam. (12-18 May, 2020).
- From 2-15pm to 3-30pm delivered a session on the topic "Integration of eResources in ODL" in the 5-day FDP on Open, Distance and Online Learning "Emerging New Realities: Bridging the Gap of Regular and ODL Mode" on 31st July, 2020 organised by STRIDE, IGNOU for the participants of Rajiv Gandhi University, Arunachal Pradesh
- From 11-30am to 1.-15pm delivered a session on the topic "Online Classes" in the 5-day FDP on Open, Distance and Online Learning "Emerging New Realities: Bridging the Gap of Regular and ODL Mode" on 1st Aug, 2020 organised by STRIDE, IGNOU for the participants of Rajiv Gandhi University, Arunachal Pradesh.
- Addressed two webinar sessions (i) Implications of Artificial Intelligence in Education (ii) Towards Use of Block-chain Technologies in Education from 11-00am to 1.15 PM on 9th Aug, 2020 in a 10-Day National Level Short Term Training Programme(STTP) on ICT Enabled Pedagogy for Teacher's Professional Development organized by IQAC in collaboration with the Dept. of Computer Science and Applications, Tara Government College, Sangareddy, Telangana.
- Addressed a webinar session on Virtual Reality, Augmented Reality and Mixed Reality in Education 11-00am to 1.15 PM on 10th Aug, 2020 in a 10-Day National Level Short Term Training Programme(STTP) on ICT Enabled Pedagogy for Teacher's Professional Development organized by IQAC in collaboration with the Dept. of Computer Science and Applications, Tara Government College, Sangareddy, Telangana.
- Addressed a session on Web Conferencing Tools for Data Collection at 3.15pm on 19th Aug, 2020 in a Virtual Workshop / FDP on ICT-enabled Research During COVID-19 (17-21 Aug, 2020) organized by STRIDE, IGNOU.
- Addressed a session on Emerging Trends in IT and Computer Science Programmes Offered by SOCIS, IGNOU in a National Webinar jointly organized by IGNOU Regional Centre, Madurai and Hajee Karutha Rowther Howdia College, Uthamapalayam, Theni Dist, Tamilnadu on 20th Aug, 2020 at 5.45pm.
- Addressed a session to the participants on the topic "An Innovative Way of Embedding QR Codes to Enhance Learning Experience" in a 2 week FDP under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching Scheme on the Theme Learning Advanced eTools for MOOCs Development & Research from 10.30am to 12.30pm on 3rd Sept, 2020 organized by Motilal Nehru College, in collaboration with Teaching Learning Centre, Ramanujan College, University of Delhi.
- Resource Person for a session on "Web conferencing Tools for Data Collection" on 28th Sept, 2020 at 1145am - to 12-45pm Virtual Workshop/ Faculty Development Programme on 'ICT-enabled Research during COVID Pandemic', September 24-30, 2020 organised by STRIDE in virtual mode.
- Resource person for a session on "Integrating Technology in SLM" for the National Workshop on Design and Development of Self Learning Materials for Distance and

Online Learning (through virtual mode)(12-18 Oct, 2020) on 16th Oct, 2020 from 11-45am to 1.15pm organized by STRIDE, IGNOU, NDelhi.

- Addressed a session(Panel Discussion) to the participants on the topic "Online and Digital Education: Ensuring Equitable Use of Technology in Teaching – Learning Process" in webinar organized by SOE, IGNOU from 12-45 to 3-00pm on 11th Nov, 2020 on the eve of National Education Day.

- Addressed a session to the participants on the topic "An Innovative Way of Integrating eResources" in a 10 day FDP(23rd Nov to 3rd Dec) under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching Scheme on the Theme Learning Advanced eTools for MOOCs Development & Research from 11.10am to 12.10pm on 28th Nov, 2020 organized by Central University of Rajasthan, Bandarsindri, Ajmer.

- Addressed a session to the participants on the topic "Cyber Crimes : Prevention and Mitigation" in a one week AICTE Sponsored STTP (7th Dec to 12th Dec) from 4:00pm to 6:00pm on 7th Dec, 2020 organized by GIET University, Gunupur, Odisha.

- Addressed a session to the participants on the topic "Essential Technical Skills for Teaching, Learning in Virtual World" in a one week Online FDP(26th Dec to 31st Dec 2020) on Emerging Teaching Pedagogy for Developing Skills of Teaching and Wellbeing in Virtual World" T. E. A. C. H from 3.30pm to 4.30pm on 30th Dec, 2020 organized by Amity Institute of Psychology and Allied Sciences, Noida, UttarPradesh.

- Addressed a session to the participants on the topic "Bridging the Gap Between Ability & Disability through Assistive Technologies and Special Devices" on 28th Apr, 2021 from 10am to11.30am in the FDP on Serving Students with Disabilities in Open, Distance and Online Learning (26-30 Apr, 2021) through Virtual Mode organized by STRIDE, IGNOU.

- Addressed a session to the participants on the topic "Online Induction Programme for MCA and PGDCA Programmes of SOCIS" in the Regional Online eInduction Programme for the Jan-2021 Session Students organized by RC Bangalore and Bijapur in collaboration with Bangalore Institute of Technology on 8th May, 2021 at 10.45am through virtual mode.

- Addressed a session to the participants on the topic "Fundamentals of Data Science- Its Aspects, Data Science as a Career" in a 2-day Hands on Workshop(10-11 June, 2021) on "Visualizing Data Science Using Python" on 10th June, 2021 from 10am to 11.30am organized by Karunya Institute of Technology and Sciences, Coimbatore.

- Addressed a session to the participants on the topic "IGNOU Online Initiatives" in a 5-day AICTE ATAL-FDP (Online)(2-6 Aug, 2021) on "Harnessing Potential of Online Learning in Higher Education" on 2nd Aug, 2021 at 2-15pm to 3.45pm.

- Resource person for a session on "Integrating Technology in SLM" for the International Workshop on Design and Development of Self Learning Materials for Distance, Online and Blended Learning (through virtual mode)(09-16 Aug, 2021) on 13th Aug, 2021 from 2-15pm to 3.45pm organized by STRIDE, IGNOU, NDelhi.

- Addressed one session on "Apps for Scholars" for the Research Scholars for IGNOU Batch-1 as the part of Research Publications and Ethics Course (2 Credits) on 9th Sept, 2021 from 1pm to 1.40pm at COE conference Room organized by Research Unit, IGNOU, New Delhi.

- Addressed 2 sessions to the participants on the topic "GoI Initiatives in Education and Research" and "Virtual Reality, Augmented Reality and Mixed Reality Applications in Education" in a 30 day Faculty Induction Programme (AY-2021-22) (11th Sept,

2021) conducted by Human Resource Development Centre, The University of Burdwan from 10.30am to 1.30pm on 11th Sept, 2021 organized by The University of Burdwan West Bengal.

- Addressed a session to the participants on the topic "Personalized Learning" on 2nd March, 2022 from 2-15pm to 3.45pm in the workshop on "NEP-2020: Learning Analytics in the Online Learning" (1-2 March, 2022) through Virtual Mode organized by STRIDE, IGNOU.

- Addressed a session to the participants on the topic "Bridging the Gap Between Ability & Disability through Assistive Technologies and Special Devices" on 16th March, 2022 from 10am to11.30am in the **Training cum Workshop on** "NEP 2020: Persons with Disabilities and Educational Opportunities" (14-16 March, 2022) through Virtual Mode organized by STRIDE, IGNOU.

- Addressed a session to the participants on the topic "Integration and Application of Virtual Reality/Augmented Reality and AI in ODL from 11-45am to 1.30pm " on 21st May, 2022 in one week Workshop on '**Design and Development of SLMs for Distance and Online Learning for Newly Recruited Faculty of IGNOU (Batch 1)** through Virtual Mode organized by STRIDE, IGNOU.

- Addressed a session to the participants on the topic "GoI Initiatives in Education and Research" in a 30 day Faculty Induction Programme (AY-2022-23) conducted by Human Resource Development Centre, The University of Burdwan from 10.30am to 12 Noon on 14th July, 2022 organized by The University of Burdwan West Bengal.

- Addressed a session to the participants on the topic "Applications of VR/AR/MR in Education" in a 30- day Faculty Induction Programme (AY-2022-23) conducted by Human Resource Development Centre, The University of Burdwan from 10.30am to 12 Noon on 20th July, 2022 organized by The University of Burdwan West Bengal.

- Resource person for a session on "Integration and Application of Virtual Reality/Augmented Reality and AI in ODL" for the STP (Batch-2) on Design and Development of SLMs for Newly Recruited Faculty of IGNOU (Batch 2 from 25th July to 01st August, 2022) through F2F mode on 29th July, 2022 from 11-45am to 1.15pm organized by STRIDE, IGNOU, NDelhi.

- Resource person for a session to the participants on the topic "Open and Distance Learning" in a 4 week Faculty Induction Programme (29th Aug, 2022 to 24th Sept, 2022) organized online by UGC_Human Resource Development Centre, University of Rajasthan, Jaipur from 1-30pm to 3PM on 15th Sept, 2022.

- Addressed one session on "Apps and their Applications in Research" for the Research Scholars of IGNOU as the part of Research Publications and Ethics Course(RPE-001) (2 Credits) on 23rd Sept, 2022 from 2-45pm to 3.45pm at IGNOU Convention Centre organized by Research Unit, IGNOU, New Delhi.

- Resource person for a session on "Integration and Application of Virtual Reality/Augmented Reality and AI in ODL" for the STP(Batch-3) on Design and Development of SLMs for Newly Recruited Faculty of IGNOU (Batch 3 from 22nd Sept, 2022 to 29th Sept, 2022) through F2F mode on 28th Sept, 2022 from 11-45am to 1.15pm organized by STRIDE, IGNOU, NDelhi.

- Resource person for a session on "Institutional Technology Requirements to launch Online Courses" in the UGC Approved 6-day(10-15 Oct, 2022) Short Term Professional Development Programme on Capacity Building of Teachers of Formal Universities on Design and Development of Online Programmes through online mode on 13th Oct, 2022 from 16-00 to 17-30 organized by STRIDE, IGNOU, NDelhi.

- Addressed one academic counselling session on "IIOT and IOE" (Course: MIO-002 Smart Technologies (Hardware and Software) for the students of July'22 session for Certificate / Diploma in Smart City Development and Management (CDSCDM) / (DSCDM) of SOET,IGNOU on 11th Nov, 2022 from 8:00pm to 9:00pm through online mode.

- Addressed one academic counseling session on "Basics of Block Chain Technology" (Course: MIO-002 Smart Technologies (Hardware and Software) for the students of July'22 session for Certificate / Diploma in Smart City Development and Management (CDSCDM) / (DSCDM) of SOET,IGNOU on 14th Nov, 2022 from 8:00pm to 9:00pm through online mode.

- Addressed a session to the participants on the topic "GoI Online Initiatives in Education and Research" in a 30-day (16 Nov – 15 Dec, 2022) Faculty Induction Programme (AY-2022-23) organized by UGC-Human Resource Development Centre, The University of Burdwan, West Bengal from 2.15pm to 3.45pm on 18th Nov, 2022.

- Addressed a session to the participants on the topic "Learning Analytics" in UGC Approved Six Days (16-23 Nov, 2022) Short Term Professional Development Programme on Capacity Building of IGNOU's New Faculty on Design and Development of Online Programmes organized by STRIDE, IGNOU from 10-00am to11-30am on 22nd Nov, 2022.

- Addressed a session to the participants on the topic "Applications of AR/VR/MR in Education" in a 30- day (16 Nov – 15 Dec, 2022) Faculty Induction Programme (AY-2022-23) organized by UGC-Human Resource Development Centre, The University of Burdwan, West Bengal from 12-00Noon to 1.30pm on 29th Nov, 2022.

- Resource person for a session to the participants on the topic "Open and Distance Learning" in a 10th RUSA Faculty Induction Programme (25th Nov, 2022 to 24th Dec, 2022) organized online by UGC_Human Resource Development Centre, University of Rajasthan, Jaipur from 9-30am to 11am on 30th Nov, 2022.

- Addressed a session to the participants on the topic "Bridging the Gap Between Ability & Disability through Assistive Technologies and Special Devices" on 2nd Dec, 2022 from 2-15pm to 3.45pm in the UGC- Approved Short Term Professional Development Programme on "NEP-2020 : Serving Students with Disabilities in Distance, Online and Blended Learning (29th Nov – 6th Dec, 2022) through Virtual Mode organized by STRIDE, IGNOU.

- Addressed a session on "Integration of Technologies with SLM's" for the "International Workshop on Design and Development of Self Learning Materials for Distance and Online and Blended Learning"(12-17 Dec, 2022) on 16th Dec, 2022 from 2.15pm to 3.35pm at Training Room, Block-16, STRIDE, IGNOU, NDelhi organized by STRIDE, IGNOU.

- Hands on session on "Integration of Technologies with SLM's" for the "International Workshop on Design and Development of Self Learning Materials for Distance and Online and Blended Learning"(12-17 Dec, 2022) on 16th Dec, 2022 from 3.45pm to 5.30pm at Training Room, Block-16, STRIDE, IGNOU, NDelhi organized by STRIDE, IGNOU.

- Resource person to CIT-002 along with other faculty of SOCIS for the CIT students of eVidyaBharati (PAN AFRICA) students on 21st Jan, 2023 at 5pm organized by RC, Noida.

- Resource person to BCA Programme along with other faculty of SOCIS for the BCA students of eVidyaBharati (PAN AFRICA) students on 24th Jan, 2023 at 3pm organized by RC, Dwaraka.

- Resource person for a Half-day Webinar on "Conducting Practicals and Project Work for Online Students of SOCIS Programmes" on January 27, 2023 from 10:30 AM to 03:00 PM organized by NCIDE in collaboration with RSD, IGNOU, New Delhi.

- Resource person for a session to the participants on the topic "Open and Distance Learning (ODL) and Online Learning (OL)" in a 4 week Faculty Induction Programme (9th Jan, 2023 to 7th Feb, 2023) organized online by UGC_Human Resource Development Centre, University of Rajasthan, Jaipur from 3-45pm to 5.15pm on 28th Jan, 2023.

- Addressed a session to the participants on the topic "Development of eContent (eSLM)" in UGC Approved Refresher Programme: Design, Development and Delivery of MOOC's"(06-17 Feb, 2023) for the participants of the Faculty from SOUs and DEI's of India organized STRIDE, IGNOU from 11-45am to 01-15pm on 8th Feb, 2023.

- Addressed a session to the participants on the topic "Augmented and Virtual Reality" in UGC Approved Refresher Programme: Design, Development and Delivery of MOOC's" (06-17 Feb, 2023) for the participants of the Faculty from SOUs and DEI's of India organized STRIDE, IGNOU from 11-45am to 01-15pm on 13th Feb, 2023.

- Addressed a session to the participants on the topic "Design and Development of Online and Blended Learning Programme/Courses" in a one week National Workshop on Design and Development of Self Learning Materials for Distance, Online and Blended Learning (13-18 March 2023) organized STRIDE, IGNOU from 2-15pm to 3-45pm on 15th March, 2023.

- Addressed a session to the participants on the topic "Chat Generative Pre-Trained Transformer (ChatGPT) – Prospects for Teaching, Learning and Research" online organized by Innovation Club@IGNOU, NCIDE, IGNOU from 11-00am to 12-15pm on 28th March, 2023.

- Addressed a session to the participants on the topic "S14: Development of eContent using Augmented and Virtual Reality" in a one week National Workshop on UGC-Approved NEP2020 & Higher Education: eContent Development for Online and Blended Programmes (22-27May 2023) organized STRIDE, IGNOU from 11-45am to 1-15pm on 25th May, 2023.

- Addressed an online session to the participants on the topic "Use of AI in Education – Special Focus on ChatGPT" organized by Innovation Club@ Regional Centre, Hyderabad, from 11-00am to 12-20pm on 3rd June, 2023.

- Addressed an online session on 14th June, 2023 to the participants on the topic "S6:Smart AI Tools for Education" in a UGC approved Short Term Programme(STP) on "NEP 2020 & Higher Education: Interactive Digital Pedagogy" (13-20 June 2023) organized STRIDE, IGNOU from 11-45am to 1-15pm.

- Addressed a session to the participants on the topic "Role of Media and Technology in Learner Support in Changing Scenario of ODL & OL)"" in UGC Approved Refresher Programme on Student's Support in Open, Distance and Blended Learning"(17-28 July, 2023) for the Teachers from various schools and Academics from RCs of IGNOU organized STRIDE, IGNOU from 11-45am to 01-15pm on 22nd July, 2023.

- Addressed a session to the participants on the topic "Development of eContent (eSLM)" in UGC Approved Refresher Programme: Design, Development and Delivery of MOOC's"(July 24- Aug 4, 2023) for the participants of the Faculty from SOUs and DEI's of India organized STRIDE, IGNOU from 11-45am to 01-15pm on 26th July, 2023.

- Addressed a session to the participants on the topic "Extended Reality (XR) and Artificial Intelligence (AI) in Education" in UGC Approved Refresher Programme:

Design, Development and Delivery of MOOC's" (July 24- Aug 4, 2023) for the participants of the Faculty from SOUs and DEI's of India organized STRIDE, IGNOU from 11-45am to 01-15pm on 31st July, 2023.

- Addressed a session to the participants on the topic "S7: Development of eContent (eSLM)" in UGC Approved Short Term Programme: Design, Development and Delivery of MOOC's"(21-26 Aug, 2023) for the participants of the Faculty from SOUs and DEI's of India organized STRIDE, IGNOU from 2-15pm to 3.45pm on 22nd Aug, 2023.

- Addressed a session to the participants on the topic "S17: Integration and Application of Virtual Reality / Augmented Reality and AI in ODL" in an Short Term Programme: Design and Development of SLMs for Distance and Online Learning"(10-17 Oct, 2023) for the newly joined Faculty of IGNOU organized STRIDE, IGNOU from 10-00am to 11.45am on 16th Oct, 2023.

- Addressed a session on "Apps and their Application in Research" for the Research Scholars for IGNOU (182 students) as the part of Research Publications and Ethics Course (2 Credits) on 8th Nov, 2023 from 10-30am to 11-30am at Convention Centre organized by Research Unit, IGNOU, New Delhi.

- Addressed a session to the participants on the topic "S11: Transformation of Technology in Distance, Online and Blended Learning"(20-25 Nov, 2023) for the participants of the Faculty from SOUs and DEI's of India in a National workshop on "Design and Development of SLM's for Distance, Online and Blended Learning" organized STRIDE, IGNOU from 2-15pm to 3.45pm on 22nd Nov, 2023.

- Resource person for a session to the participants on the topic "Open and Distance Learning" in Guru-Dakshata: Faculty Induction Programme(Online) (29th Nov, 2023 to 28th Dec, 2023) organized by UGC-MMTTC, University of Rajasthan, Jaipur from 9-30am to 11am on 06th Dec, 2023.

- Resource person for a session to the participants on the topic "Integrating QR Codes with the Course Material" in Guru-Dakshata: Faculty Induction Programme(Online) (29th Nov, 2023 to 28th Dec, 2023) organized by UGC-MMTTC, University of Rajasthan, Jaipur from 1-30pm to 3-00pm on 23rd Dec, 2023.

- Addressed an online session to the participants on the topic "Use of AI in Teaching and Research" in a one week (16 Jan – 21 Jan, 2024) STC in eContent Development and MOOCs' organized by Malaviya Mission Teacher Training Centre(MMTTC), The University of Burdwan, West Bengal from 10-30am to 12 Noon on 18th Jan, 2024.

- Addressed an online session to the participants on the topic "GoI Initiatives in Education and Research" in the 2nd Faculty Induction Programme (29th Jan to 27th Feb 2024) conducted by Malaviya Mission Teacher Training Centre from 12 Noon to 1.30pm on 30th Jan, 2024 organized by The University of Burdwan West Bengal.

- Addressed an online session to the participants on the topic "S7: Development of eContent (eSLM)" in UGC Approved 6-day Short Term Programme: Design & Development of eContent from Online Learning and MOOC's"(29 Jan -3 Feb, 2024) for the participants of the Faculty from SOUs and DEI's of India organized STRIDE, IGNOU from 2-15pm to 3.45pm on 30th Jan, 2024.

- Addressed an online session to the participants on the topic "ICT Based Higher Education in India" in the NEP Orientation and Sensitization – 5 Programme (2 Feb to 13th Feb 2024) organized by Malaviya Mission Teacher Training Centre, The University of Burdwan from 2-15pm to 3.45pm on 2nd Feb, 2024.

- Addressed an online session to the participants on the topic "Session 10: Incorporating Disruptive Technologies in Education (AI, VR, AR, XR)" in UGC Approved 6-day

Short Term Professional Development Programme : NEP 2020 and Education 4.0(Integration of Generative AI, Interactive eContent and Advanced Technologies in Online Courses"): (5 -10 Feb, 2024) for 20 participants of the Faculty from SOUs and DEI's of India organized STRIDE, IGNOU on 7th Feb, 2024 from 11-45am to 1-15pm.

- Addressed an online session to the participants on the topic "Use of AI in Teaching and Research" in the 2nd Faculty Induction Programme (29th Jan to 27th Feb 2024) conducted by Malaviya Mission Teacher Training Centre from 12 Noon to 1.30pm on 16th Feb, 2024 organized by The University of Burdwan West Bengal.

- Addressed a session to the participants on the topic "S19: Transformation of Technology in Distance, Online and Blended Learning"(22-28 Feb, 2024) for the participants of the Faculty from SOUs and DEI's of India in a National workshop on "Design and Development of SLM's for Distance, Online and Blended Learning" organized STRIDE, IGNOU from 10:00am to 11:45am on 27th Feb, 2024.

- Addressed an online session to the participants on the topic "GoI ICT Initiatives" in the NEP Orientation and Sensitization – 7 Programme (5 – 14 Mar 2024) organised by Malaviya Mission Teacher Training Centre(formerly UGD-HRDC), The University of Burdwan from 2-15pm to 3.45pm on 5th March, 2024.

- Addressed an online session to the participants on the topic "Session-IV: Development for eSLM for Education" in the Faculty Development Programme organized by Dept of English and Cultural Studies, Christ University, Bangalore from 2-00pm to 4-00pm on 12th March, 2024.

- Addressed an online session to the participants on the topic "S7: Development of eSLM" in UGC Approved 6-day Short Term Professional Development Programme: Design & Development of eContent from Online Learning and MOOC's"(22-27 April, 2024) for the participants of the Faculty from SOUs and DEI's of India organized STRIDE, IGNOU from 2-15pm to 3.45pm on 23rd April, 2024.

- Addressed 6 sessions in a 3-day workshop on Design and Development of SLMs for Distance and Online Learning (15-17 May, 2024) for the participants of Directorate of Distance and Online Education, University of Jammu, Jammu.

- Addressed an online session to the participants on the topic "Information and Communication Technology" in the NEP Orientation and Sensitization – 4 Programme (03 – 12 June 2024) organised by Malaviya Mission Teacher Training Centre(formerly UGD-HRDC), The University of Burdwan, Burdwan, West Bengal from 12 Noon to 1.30pm on 7th June, 2024.

- Addressed an online session to the participants on the topic "Information and Communication Technology" in the NEP Orientation and Sensitization Programme organised by Malaviya Mission Teacher Training Centre(formerly UGD-HRDC), MANUU, Hyderabad, Telangana from 3.45pm to 5.15pm on 12th June, 2024.

- Addressed an online session to the participants on the topic "ICT Initiatives of GoI" in a one week (18th July, 2024 – 14th Aug, 2024) 1st Faculty Induction Programme organized by Malaviya Mission Teacher Training Centre(MMTTC), The University of Burdwan, West Bengal from 2.15pm to 3.45pm on 18th July, 2024.

- Addressed an online session to the participants attending Refresher Programme on Design Development and Delivery or MOOCs (02-14 Sept, 2024) on the topic "Development of eContent (eSLM)" organized by Malaviya Mission Teacher Training Centre(MMTTC), STRIDE, IGNOU from 11.45am to 1.15pm on 4th Sept, 2024.

- Addressed an online session to the participants attending Refresher Programme on Design Development and Delivery or MOOCs (02-14 Sept, 2024) on the topic

"Augmented and Virtual Reality" organized by Malaviya Mission Teacher Training Centre(MMTTC), STRIDE, IGNOU from 11.45am to 1.15pm on 9th Sept, 2024.

- Addressed an online session to the participants on the topic "Open and Distance Learning" in a 4 week GURU-DAKSHATA: 8th Faculty Induction Programme (2nd Sept, 2024 to 29th Sept, 2024) organized online by UGC_MMTTC (HRDC), University of Rajasthan, Jaipur from 1-30pm to 3PM on 24th Sept, 2024.

- Addressed few sessions to the participants from Teerthanker Mahaveer University (TMU), Moradabad, UP in a workshop (15 – 16 Oct, 2024) organized by TMU.

- Addressed a session on "Apps and AI : Their Applications in Research" for the Research Scholars for IGNOU (182 students) as the part of Research Publications and Ethics Course (2 Credits) on 12th Nov, 2024 from 11:45am to 1:15pm at Convention Centre organized by Research Unit, IGNOU, New Delhi.

- Addressed an online session to the participants on the topic "Extended Reality in Education" in the STP in ICT Applications in Teaching and Learning (29th Nov – 5th Dec 2024) organised by Malaviya Mission Teacher Training Centre(formerly UGD-HRDC), The University of Burdwan from 12Noon to 1.45pm on 2nd Dec, 2024.

- Addressed an online session to the participants on the topic "AI Tools for Teaching, Learning and Education Development" in the ATAL FDP on Research Centric Approach for Developing Innovative Applications using AI Tools and Technologies (20 – 25 Jan, 2025) organised CSE Department, NRI Institute of Technology, Agiripalli,, Eluru Dt., A.P from 7-30pm to 9pm on 23rd Jan, 2025.

- Addressed an online session to the participants attending 6 Days FDP on Design and Development of eContent for Online Learning and MOOCs (27th to 1st Feb 2025) on the topic "Development of eContent (eSLM) using Augmented Reality and AI Tools" organized by STRIDE, IGNOU from 11.45am to 1.15pm on 27th Jan, 2025.

- Addressed an online session to the participants on the topic "Transformation of Technology in Distance, Online and Blended Learning" in the FDP on 7th Feb 2025 organised by Symbiosis School for Online and Digital Learning (SS)DL), Symbiosis International (Deemed University), Pune from 1:30PM to 3:00PM.

- Addressed an online session to the participants on the topic "ICT Initiatives by GoI" in the NEP Orientation and Sensitization Programme organized by Malaviya Mission Teacher Training Centre(formerly UGD-HRDC), MANUU, Hyderabad, Telangana from 2:00pm to 3.30pm on 29th April, 2025.

- Addressed an online session to the participants on the topic "Government of India Initiatives Regarding Online Learning" in a one week (19th May, 2025 – 28th May,2025) NEP Orientation & Sensitization Programme organized by Malaviya Mission Teacher Training Centre(MMTTC), The University of Burdwan, West Bengal from 12Noon to 1-30pm on 21st May, 2025.

- Addressed an online session to the participants attending Capacity Building Programme on Interactive Digital Pedagogy Skills (21-23 May, 2025) on the topic "S7: Use of AI Tools in Teaching" organized by STRIDE, IGNOU from 2:15pm to 3.45pm on 22nd May, 2025.

- Addressed an online session to the participants on the topic "AI Tools in Teaching and Learning" in the FDP on 3rd June, 2025 organised by Symbiosis School for Online and Digital Learning (SS)DL), Symbiosis International (Deemed University), Pune from 2PM to 4:00PM.

- Addressed an online session to the participants on the topic "Incorporating Disruptive Technologies in Education" in the Faculty Development Program titled "Augmenting Today's Educators for Digital Natives", organized under the UGC mandate Guru

Dakshta – Faculty Induction Programme (Module-III: Teaching, Learning & Assessment) on 3rd June, 2025 organized by Amity University, Uttar Pradesh from 10AM to 11:00AM.

- Addressed an F2F session to the participants attending Capacity Building Programme on Authentic Assessment for Online Courses (9-11 July, 2025) on the topic "S3: AI Assessment Tools" organized by STRIDE, IGNOU from 2:15pm to 3.45pm on 9th July, 2025.

- Addressed an online session to the participants on the topic "Online Education Initiatives by Government of India" in a one week (8-17, July 2025) NEP Orientation & Sensitization Programme – 04 organized by Malaviya Mission Teacher Training Centre (MMTTC), The University of Burdwan, West Bengal from 12Noon to 1-30pm on 10th July, 2025.

- Addressed F2F session to the participants attending 12 Day Refresher Programme on Technology Enabled Teaching-Learning (Multidisciplinary/Interdisciplinary) (15-30th July, 2025) on the topic "Session 26: Virtual Reality (VR) and Augmented Reality (AR)" organized by Malaviya Mission Teacher Training Centre(MMTTC), STRIDE, IGNOU from 11.45am to 1.15pm on 23rd July, 2025.

- Addressed an F2F session to the participants attending Refresher Programme on Technology Enabled Teaching-Learning (Multidisciplinary/Interdisciplinary) (15-30 July, 2025) on the topic "S36: Virtual Reality and Augmented Reality" organized by STRIDE, IGNOU from 4:00pm to 5.45pm on 25th July, 2025.

- Addressed an online session to the participants attending Gurudakshta – Faculty Induction Programme (18 Aug – 19 Sept, 2025) under the MMTTP on the topic "S42: Developing eContent : VR, AR, MR and AI" organized by STRIDE, IGNOU from 12:15pm to 1.45pm on 1st Sept, 2025.

- Addressed an online session to the participants attending 2nd Faculty Induction Programme (25 Aug to 22 Sept, 2025) under the MMTTP on the topic "Technology for Teaching and Assessment for i-Generation" organized by The University of Burdwan, West Bengal from 2:15pm to 3:45pm on 10th Sept, 2025.

- Addressed an online session to the participants attending NEP Sensitization Programme (10 – 19 Sept, 2025) under the MMTTP on the topic "Information and Communication Technology Augmented Reality (AR), Virtual Reality (VR) and Mixed Reality (MR) in Education" organized by The University of Burdwan, West Bengal from 12Noon to 1-30pm on 17th Sept, 2025.

- Addressed an online session to the participants attending NEP Orientation and Sensitization Programme (24 Nov – 24 Dec, 2025) under the MMTTP on the topic "Session-12 Cyber Security and Information Security in Teaching and Learning" organized by STRIDE, IGNOU from 3.45pm to 5.15pm on 1st Dec, 2025.

- Addressed an online session on "Artificial Intelligence in Teaching and Learning" in the Faculty Development Programme on "Technology Enabled and Blended Learning" for Dr. D. Y. Patil Vidyapeeth, Pune (DPU) (16-20 Dec, 2025) organized by COL-CEMCA on 18th Dec, 2025 from 2PM to 5PM.

- Addressed 4 sessions in a 2-day workshop on Design and Development of SLMs for Distance and Online Learning (19-20 Dec, 2025) for the participants of Directorate of Distance and Online Education, University of Jammu, Jammu.

8. **Study Tour Organised/ Participated/ Attachment Organized/Internship:**

SNo.	Details of the tour	Name of coordinating body	Duration
-	-	-	-

9. **Consultancy assignment (if any):**

SNo.	Organization/ agency	Cost, title of consultancy	Duration
-	-	-	-

10. **Details of Institution/ Government/ Industry / own Institution Sponsored Research Projects (including Programme Evaluation) and Amount (Both completed and ongoing):**

SNo.	Agency	Amount	Duration with dates	Status i.e. ongoing/ completed
-	-	-	-	-

11. **Details of PhD and MPhil Scholars (including those awarded degree):**

SNo.	Name and enrolment no:	Year of registration	Year of completion/ award
1	Jyothi Bisht, 173102451	May, 2017	Jan, 2024
2	Sarita Bansal, 173103414	Nov, 2017	Jan, 2024
3	Sweety Kataria, 173102469	Nov, 2017	Nov, 2024

12. **Details of Programmes/ Courses coordinated/ written/ edited/ translated:**

Programmes Coordinated

- Programme Coordinator for CIT and CITOL (From 1st Aug, 2025 to 31st Aug, 2027)
- Programme Coordinator for MCA-New (From 1st Oct 2023 to 30th Sept 2025).
- Programme Coordinator for BCA (From 1st Oct, 2022 to 30th Sept, 2023).
- Programme Coordinator for CIT (From 1st Sept, 2021 to 30th Sept, 2022).
- Programme Coordinator for PGDCA (From 1st July, 2019 to 30th June, 2020).
- Programme Coordinator for Ph D(Computer Science) (From 1st July, 2018 to 30th June, 2020).
- Programme Coordinator for Ph D(Computer Science) (From 29th Feb, 2016 to 26th March, 2016).
- Programme Coordinator for Bachelor of Computer Applications (BCA) (From 1st July, 2014 to 30th June, 2015).
- Programme Coordinator for Master of Computer Applications (MCA) (From 10th Feb, 2014 to 31st March, 2014).
- Programme Coordinator for PGDLAN (Post Graduate Diploma in Library Automation and Networking of Library and Information Science, SOSS.

Courses Coordinated

- Course Coordinator for PC Software and Application Skills (CS-612), Windows Programming (CS-65), Intranet Administration (CS-75) of BCA (Old Syllabus) Programme.
- Course Coordinator for Problem Solving and Programming (MCS-011), C Language Programming Lab (BCSL-021), Introduction to Database Management Systems (MCS-023), DBMS Lab (BCSL-34) of BCA (Revised Syllabus) Programme.
- Course Coordinator for Problem Solving and Programming (MCS-011), Operating Systems (MCS-041), Introduction to Database Management Systems (MCS-023), UNIX & Oracle Lab (MCSL-045) of MCA (Revised syllabus) Programme.
- Course Coordinator for RCS-004 Operating Systems, RCSE-002 Machine Learning and RCSE-008 Advanced Operating Systems of Ph D programme.
- Course Coordinator for Database and Content Organisation, a MOOC on SWAYAM platform.
- Course Coordinator for Professional Skills and Ethics (MCS-214), Data Warehousing and Data Mining (MCS-221) of MCA-New Programme.
- Course Coordinator for Windows and Linux Lab (MCSL-204), Operating Systems (MCS-203) of PGDCA-New programme.

Course Writing / Editing

SNo.	Programme	Course	Unit (print)/ Audio/ Video/ eSLM	Coordinated/Written/ Edited (content/ language/ format)/ Translated	Period
1	BMLT	Computer Skills	Block – 1 Unit -2 Software Unit – 3 Operating Systems – Windows 8	Course Writing	Sept, 2014
2	ePGPatashala	Content Developmen and Management	3 eSLM Modules 14. Simulation and Virtual Reality Applications, 28. ePublication Concept, 29.ePub Tools	Course Writing eSLM development	July, 2015
3	BCA, Directorate of Open and Distance Learning	BCA-402, Database Management System	Database Management System Course	Editing	July, 2017

31

	(DODL), Dibrugarh University, Dibrugarh				
4	BBA in Services Management (in collaboration with Maharashtra Knowledge Corporation)	4 Blocks Basic IT Skills (First Semester)	14 Units	Reviewer (Course material prepared by Tata Mc Graw Hill for MKCL))	Jan,2020
5	PGDCA(New)	MCS-201(Programming in C and Python)	Unit – 1 to Unit-8	Modifications/Transformations done to the 12 Units and finalized as 8 Units as per the approved syllabus	Nov, 2021 ISBN: 978-93-5568-139-3
6	PGDCA(New)	MCSL-205(C and Python Lab)	Section – 01 C Lab	Unit Writing	Nov, 2021 ISBN: 978-93-5568-130-0
7	PGDCA(New)	MCSL-204(WINDOWS and LINUX Lab)	Seciton-01 WINDOWS and Section – 02 LINUX	Unit Writing	Jun, 2021 ISBN: 978-93-91229-73-3
8	PGDCA(New)	MCS-203(Operating Systems)	Block-2, Unit – 03 Mobile Operating Systems	Unit Writing	July, 2021 ISBN: 978-93-91229-15-3
9	MCA(New)	MCS-214 (Professional Skills and Ethics)	Unit – 1 to Unit - 11	Modifications/Transformations done to the 12 Units and finalized as 8 Units as per the approved syllabus	June, 2021 ISBN: 978-93-91229-65-8
10	MCS(New)	MCSL-223 (Computer Networks and Data Mining)	Section – 2 Data Mining Lab	Unit Writing along with Prof. Swathi. K	July, 2022 ISBN:978-93-5568-443-1
11	MCA(New)	MCSL-229 (Cloud and Data Science Lab)	Section – 1	Unit Writing along with Prof. Swathi. K	Aug, 2022

			Cloud Computing Lab		ISBN:978-93-5568443-1
12	MCA(New)	MCS-221 (Data Warehousing and Data Mining)	Unit – 1 to Unit - 12	Transformations done and finalized 12 Units as per the approved syllabus	Apr, 2023 ISBN: 978-93-5568-774-6
13	MCA(New)	MCS-227 (Cloud Computing and IoT)	Unit – 1 to Unit – 12	Transformations done and finalized 12 Units as per the approved syllabus	Jan,2022 ISBN: 978-93-6106-812-6
14	NCIDE Hand Book On 21st Century Skill Development	Media Literacy and Technology Use	Unit	Unit Writing	Dec,2023
15	B.Sc (Applied Science – Energy)	BEY-020 Computer Basics & PC Software (BEY-020)	Block-4 Tutorials Unit-13 Tutorial on Basics of Computer Hardware Unit-14 Tutorial on Basics of Computer Software	Content Editing	July,2024 ISBN 978-81-266-5500-7
16	Handbook National Council of Educational Research (NCERT) Unit/Dept: DICT, CIET New Delhi	Handbook on Leveraging Digital Technology for Teaching-Learning and Assessment	Module 10: AI in Education Module 12: Safety in the Digital Space	Content Editing	March, 2025
17	Master of Business Administration (Executive) – Health Care Administration, Faculty of Management Studies, University of Delhi	MBAEX H-107 : IT in Health Care Management (First Sem Course)	Complete Course (5 Units) Unit 1 : Computers: An Introduction Unit 2: Indian Computing Environment Unit 3: PC-Software Packages Unit – 4: Role of IT in Transforming Health Sector Unit – 5 Management	Content Editing	March-April 2025

			Information Systems and Integration of Applications		

Audio programmes \ Interactive Radio Counselling

- Attended as resource person for Interactive Radio Counseling session held on 13th Aug, 2013 on the topic "Career Opportunities after MCA programme" at Audio Studio, EMPC, IGNOU, New Delhi from 5-00pm to 5-30pm.
- Attended as resource person for Interactive Radio Counseling session held on 30th March, 2014 on the topic "Introduction to Distributed Systems" at Audio Studio, EMPC, IGNOU, New Delhi from 5-00pm to 5-30pm.
- Attended as resource person for Interactive Radio Counseling session held on 9th September, 2014 on the topic "Formation of Project Proposals for BCA Project Work (BCSP-064)" at Audio Studio, EMPC, IGNOU, New Delhi from 5-00pm to 6-00pm.
- Attended as resource person for Interactive Radio Counseling session held on 11th July, 2017 on the topic "Significance of Practicals in BCA/MCA programmes" at Audio Studio, EMPC, IGNOU, New Delhi from 11-00am to 12-00noon.
- Attended as resource person for Interactive Radio Counseling session held on 12th Aug, 2017 on the topic "Career Opportunities after MCA" at Audio Studio, EMPC, IGNOU, New Delhi from 11-00am to 12-00noon.
- Attended as resource person for Interactive Radio Counseling session held on 9th Sept, 2017 on the topic "Significance of Assignments in BCA/MCA programmes" at Audio Studio, EMPC, IGNOU, New Delhi from 11-00am to 12-00noon.
- Attended as resource person for Interactive Radio Counseling session held on 14th Oct, 2017 on the topic "Online Student Support for Computer Science Programmes" at Audio Studio, EMPC, IGNOU, New Delhi from 11-00am to 12-00noon.
- Attended as resource person for Interactive Radio Counseling session held on 17th Feb, 2018 on the topic "Cloud Computing" at Audio Studio, EMPC, IGNOU, New Delhi from 11-00am to 12-00noon.
- Attended as resource person for Interactive Radio Counseling session held on 26th March, 2018 on the topic "Big Data Basics" at Audio Studio, EMPC, IGNOU, New Delhi from 11-00am to 12-00noon.
- Attended as resource person with Miss Jyoti Bisht (Research Scholar) for Interactive Radio Counseling session held on 21st April, 2018 on the topic "Scalable Distributed Computing Hierarchy : Cloud, Fog and Dew Computing" at Audio Studio, EMPC, IGNOU, New Delhi from 11-00am to 12-00noon.
- Attended as resource person with Sh. M.P.Mishra for Interactive Radio Counseling session held on 22nd May, 2018 on the topic "Preparation for Term End Examinations of CIT/BCA/MCA Programmes" at Audio Studio, EMPC, IGNOU, New Delhi from 11-00am to 12-00noon.
- Attended as resource person with Ms. Sarita Bansal (Research Scholar) for Interactive Radio Counseling session held on 22nd Sept, 2018 on the topic "Sentiment Analysis" at Audio Studio, EMPC, IGNOU, New Delhi from 11-00am to 12-00noon.
- Attended as resource person with Dr. N.Venkateshwarlu for Interactive Radio Counseling session held on 10th Nov, 2018 on the topic "Introduction to Internet of

Things (IoT)" at Audio Studio, EMPC, IGNOU, New Delhi from 11-00am to 12-00noon.

- Attended as resource person with Miss Jyothi Bisht (Research Scholar) for Interactive Radio Counseling session held on 13th April, 2019 on the topic "Big Data and its Applications" at Audio Studio, EMPC, IGNOU, New Delhi from 11-00am to 12-00noon.

- Attended as resource person for Interactive Radio Counseling session held on 27th July, 2019 on the topic "Blockchain Technology in Education" at Audio Studio, EMPC, IGNOU, New Delhi from 11-00am to 12-00noon.

- Attended as resource person with Dr. Gayatri Dhingra (GVMITM) for Interactive Radio Counseling session held on 21st Sept, 2019 on the topic "Emerging Technological Trends in eCommerce" at Audio Studio, EMPC, IGNOU, New Delhi from 11-00am to 12-00noon.

- Attended as resource person with Sh. Akshay Kumar for Interactive Radio Counseling session held on 13th November, 2019 on the topic "Post Graduate Diploma in Computer Applications" at Audio Studio, EMPC, IGNOU, New Delhi from 3-00PM to 4-00PM.

- Attended as resource person for Interactive Radio Counseling session held on 18th April, 2020 on the topic "Why Learn C Programming" at Audio Studio, EMPC, IGNOU, New Delhi from 11-20am to 12Noon.

- Attended as resource person for Interactive Radio Counseling session held on 16th May, 2020 on the topic "Introduction to LINUX Operating System" at Audio Studio, EMPC, IGNOU, New Delhi from 11-00am.

- Attended as resource person with Sh. Akshay Kumar and Dr. Sudhansh Sharma for Interactive Radio Counseling session held on 9th Feb 2021 on the topic "Post Graduate Diploma in Computer Applications(New) and Master of Computer Applications (MCA) (New)" at Audio Studio, EMPC, IGNOU, New Delhi from 11-00am to 12 Noon.

- Attended as resource person for Interactive Radio Counseling session held on 18th Feb 2023 on the topic "Introduction to Mobile Operating Systems" at Audio Studio, EMPC, IGNOU, New Delhi from 11-00am to 12 Noon.

Video programmes \ Teleconferencing

- As a resource person for an Orientation Programme for the BCA Fifth Semester Courses of BCA(Revised) programme on the topic BCS-055 Business Communication on 24th August, 2013 from 1-00pm to 1-45pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan darshan.

- Resource person for an Orientation Programme for the BCA Fifth Semester Courses of BCA(Revised) programme on 24th August, 2013 from 2-30pm to 3-15pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan darshan.

- As a resource person took a session on 21st September, 2013 on the topic "Career Prospectus after MCA", from 2:30pm to 3:15pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan.

- As a resource person took a session on 12th October, 2013 on the topic "Open Source Projects", from 2:30pm to 3:15pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan.

- As a resource person for an Orientation/Training Programme on Academic Counseling in ODL presented by Prof. B. N. Koul, Former PVC, IGNOU on 19th October, 2013 from 1-00pm to 3-15pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan darshan.
- As a resource person took a session on 9th February, 2014 on the topic "Overview of Distributed Systems", from 1:00pm to 1:45pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan.
- As a resource person took a session on 2nd March, 2014 on the topic "Resource Management and Distributed File Systems", from 1:00pm to 1:45pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan.
- Delivered a lecture on 17th July, 2018 on the topic "Choosing the Right Data Format(CSV, XML, JSON)", from 4:00pm to 4:30pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan.
- Delivered a lecture on 3rd August, 2018 on the topic "Evolution of Cloud Computing", from 4.30pm to 5:00pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan.
- Delivered a lecture on 24th Sept, 2018 on the topic "Cloud Deployment Models", from 4.30pm to 5:00pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan.
- Delivered a lecture on 29th Oct, 2018 on the topic "Cloud Service Delivery Models", from 4.30pm to 5:00pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan.
- Delivered a lecture on 7th Dec, 2018 on the topic "Security Concerns in Cloud", from 3.30pm to 4:00pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan.
- Delivered a lecture on10th Jan, 2019 on the topic "Different Techniques of Machine or Server Virtualization", from 4:00pm to 4:30pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan
- Delivered a lecture on 13th Feb, 2019 on the topic "Hypervisor-based and OS-level Virtualization techniques", from 4:00pm to 4:30pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan.
- Delivered a lecture on 20th March, 2019 on the topic "Introduction to Fog Computing", from 4:30pm to 5:00pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan.
- Delivered a lecture on 22nd April, 2019 on the topic "Resource Pooling in Cloud Computing", from 3:30pm to 4:00pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan.
- Delivered a lecture on 31st May, 2019 on the topic "Introduction to Quick Response (QR) Codes", from 3:00pm to 3:30pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan.
- Delivered a lecture on 19th July, 2019 on the topic "Resource Sharing and Provisioning in Cloud Computing", from 3:00pm to 3:30pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan.
- Delivered a lecture on 27th August, 2019 on the topic "Resource Provisioning in Cloud Computing", from 3:30pm to 4:00pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan.
- Delivered a lecture on 4th Sept, 2019 on the topic "Scaling in Cloud Computing", from 4:00pm to 4:30pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan

- Attended as one of the resource person for the Induction Programme for CIT/BCA/MCA programmes on 17th September, 2019 from 4pm to 5pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan darshan.

- Delivered a lecture on 28th Oct, 2019 on the topic "Scaling Strategies in Cloud Computing", from 3:30pm to 4:00pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan.

- Delivered a lecture on 27th November, 2019 along with Dr.Gayatri Dhingra on the topic "Future Trends in eCommerce", from 3:30pm to 4:00pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan.

- Delivered a lecture on 4th Dec, 2019 on the topic "Post Graduate Diploma in Computer Applications (PGDCA)", from 4:30pm to 5:00pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan.

- Delivered a lecture on 16th December, 2019 along with Dr.Gayatri Dhingra on the topic "Introduction to Internet of Things (IoT)", from 4:00pm to 4.30pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan.

- Delivered a lecture on 1st Jan, 2020 on the topic "Security Aspects in eCommerce" from 3:00pm to 3:30pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan.

- Delivered a lecture on 19th Feb, 2020 on the topic "High Points of Post Graduate Diploma in Computer Applications Programme", from 3:00pm to 3:30pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan.

- As a resource person on 2nd Feb, 2021 on the topic "MCA-New Programme and PGDCA-New Programme", from 3:00pm to 4-00pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan.

- As a resource person participated in the Orientation programme for Academic Counsellors of First Semester Courses of MCA was organized by SOCIS in collaboration with RSD on 3rd Apr, 2021 through Gyan Darshan / Webcasting from 10.30am to 12.45pm.

- Delivered a lecture on 8th April, 2022 on the topic "An Introduction to LINUX", from 4:00pm to 4:30pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan.

- Delivered a lecture on 23rd May, 2022 on the topic "An Introduction to Mobile Operating System - Android", from 4:00pm to 4:30pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan.

- Promotional Video of CIT programme recorded on 13th July, 2022 from 12-30 Noon at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan.

- As a resource person on 17th Nov, 2022 on the topic "Fundamentals of Data Warehousing", from 4:00pm to 4-30pm at EMPC, IGNOU, New Delhi, which was telecast live on EDUSAT/Gyan Darshan.

- Addressed a session on 25th Jan, 2023 on the topic "2. Design Approaches and Types of Data Warehouses ", from 3:30pm to 4-00pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan and Youtube.

- Addressed a session on 17th Feb, 2023 on the topic "3. Data Warehouse Applications and Popular Data Warehouse Platforms", from 3:00pm to 3-30pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan and Youtube.

- As a resource person on 22nd March, 2023 on the topic "4. Components of DW Architecture", from 3:00pm to 3-30pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan and Youtube.

- Addressed a session on 17th April, 2023 on the topic "5.Data Marts", from 3:00pm to 3-30pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan and Youtube.

- Addressed a session on 21st April, 2023 on the topic "ChatGPT(An Application of AI)", from 4:00pm to 4-30pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan and Youtube.

- Addressed a session on 10th May, 2023 on the topic "6. Dimensional Modeling and Star Schema", from 3:00pm to 3-30pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan and Youtube.

- Addressed a session on 31st July, 2023 on the topic "7. Dimensional Modeling – Snowflake Schema and Fact Constellation Schema", from 3:00pm to 3-30pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan and Youtube.

- Addressed a session on 29th Aug, 2023 on the topic "8. Working of ETL in a Data Warehouse", from 4:00pm to 4-30pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan and Youtube.

- Addressed a session on 4th Sept, 2023 on the topic "9. ETL Tools and ELT in Data Warehousing", from 4:00pm to 4-30pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan.

- Addressed a session on 9th Oct, 2023 on the topic "10. OLAP and Data Warehousing" from 4.30pm to 5-00pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan and Youtube.

- Addressed a session on 7th Nov, 2023 on the topic "11.Types of OLAP Architectures" from 4.00pm to 4-30pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan and Youtube.

- Addressed a session on 6th Dec, 2023 on the topic "12.Trends in Data Warehousing (Data Lake)" from 4.30pm to 5-00pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan and Youtube.

- Addressed a session on 23rd Jan,2024 on the topic "13.Trends in Data Warehousing (Complex Data, Cloud Data Warehousing)" from 4.00pm to 4.30pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan and Youtube.

- Addressed a session on 16th Feb 2024 on the topic "14.Trends in Data Warehousing (Real Time Data Warehousing)" from 4.30pm to 5-00pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan and Youtube.

- Addressed a session on 22nd March, 2024 on the topic "15.Trends in Data Warehousing (Hadoop & Data Warehousing, DW-Automation)" from 4.00pm to 4-30pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan and Youtube.

- Addressed a teleconferencing session on 9th April, 2024 on the topic "16. Inroduction to Data Mining" from 4.00pm to 4-30pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan and Youtube.

- Addressed a teleconferencing session on 22nd May, 2024 on the topic "17.Text Mining" from 4.00pm to 4-30pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan and Youtube.

- Addressed a teleconferencing session on 22nd Aug, 2024 on the topic "18.Text Mining-Text Preprocessing" from 4.00pm to 4-30pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan and Youtube.

- Addressed a teleconferencing session on 18th Sept, 2024 on the topic "19.Transforming Text into Feature Vectors for Text Mining" from 4.00pm to 4-

30pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan and Youtube.

- Addressed a teleconferencing session on 4th Oct, 2024 on the topic "01.History of Computers" from 4.00pm to 4-30pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan and Youtube.
- Addressed a teleconferencing session on 9th Oct, 2024 on the topic "02.Introduction to Computer System and Operating System" from 4.00pm to 4-30pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan and Youtube.
- Addressed a teleconferencing session on 27th March, 2025 on the topic "03. I/O Devices, OS and Classification of Computers" from 3-30pm to 4-00pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan and Youtube.
- Addressed a teleconferencing session on 7th May, 2025 on the topic "Input Devices" from 4-00pm to 4-30pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan and Youtube.
- Addressed a teleconferencing session on 13th May, 2025 on the topic "Output Devices" from 4-00pm to 4-30pm at EMPC, IGNOU, New Delhi, which was telecast live on Gyan Darshan and Youtube.

20 videos for MOOC (DATABASE AND CONTENT ORGANISATION)

SNo	Programme	Course	Title of the Session	Date of Shooting of Video	Timings	Studio
1	Certificate in ICT Applications in Libraries (CICTAL)	Database and Content Organisation (BLII-002)	DBMS – Introductory Concepts	5th July, 2016	10-30am to 11-00am	EDUSAT Studio, EMPC, IGNOU
2	Certificate in ICT Applications in Libraries	Database and Content Organisation	Types of Databases and Data Models	5th July, 2016	11-05am to 11-35am	EDUSAT Studio, EMPC, IGNOU
3	Certificate in ICT Applications in Libraries	Database and Content Organisation	Relational Databases and Overview of DB Design	5th July, 2016	12-00Noon to 12-30pm	EDUSAT Studio, EMPC, IGNOU
4	Certificate in ICT Applications in Libraries	Database and Content Organisation	Types of SQL Commands and Introduction to MySQL	5th July, 2016	12-35am to 1-00ap	EDUSAT Studio, EMPC, IGNOU
5	Certificate in ICT Applications in Libraries	Database and Content Organisation	Introduction to MySQL Commands - I	5th July, 2016	2-30pm to 3-00am	EDUSAT Studio, EMPC, IGNOU
6	Certificate in ICT Applications in Libraries	Database and Content Organisation	File Organization - I	6th July, 2016	10-30am to 11-00am	EDUSAT Studio, EMPC, IGNOU

7	Certificate in ICT Applications in Libraries	Database and Content Organisation	Search Strategy - I	6th July, 2016	11-05am to 11-35am	EDUSAT Studio, EMPC, IGNOU
8	Certificate in ICT Applications in Libraries	Database and Content Organisation	Search Strategy - II	6th July, 2016	12-00Noon to 12-30pm	EDUSAT Studio, EMPC, IGNOU
9	Certificate in ICT Applications in Libraries	Database and Content Organisation	Elements of DBMS	8th July, 2016	10-30am to 11-00am	EDUSAT Studio, EMPC, IGNOU
10	Certificate in ICT Applications in Libraries	Database and Content Organisation	File Organisation - II	8th July, 2016	11-05am to 11-35am	EDUSAT Studio, EMPC, IGNOU
11	Certificate in ICT Applications in Libraries	Database and Content Organisation	Content Organisation and Formats	8th July, 2016	12-00Noon to 12-30pm	EDUSAT Studio, EMPC, IGNOU
12	Certificate in ICT Applications in Libraries	Database and Content Organisation	Introduction to MySQL Commands - II	10th July, 2016	10-30am to 11-00am	EDUSAT Studio, EMPC, IGNOU
13	Certificate in ICT Applications in Libraries	Database and Content Organisation	Introduction to MySQL Commands - III	10th July, 2016	11-05am to 11-35am	EDUSAT Studio, EMPC, IGNOU
14	Certificate in ICT Applications in Libraries	Database and Content Organisation	Indexing and Indexing Tools	10th July, 2016	12-00Noon to 12-30pm	EDUSAT Studio, EMPC, IGNOU
15	Certificate in ICT Applications in Libraries	Database and Content Organisation	MySQL Commands - IV	11th July, 2016	10-30am to 11-00am	EDUSAT Studio, EMPC, IGNOU
16	Certificate in ICT Applications in Libraries	Database and Content Organisation	Introduction to MySQL Commands - V	11th July, 2016	11-05am to 11-35am	EDUSAT Studio, EMPC, IGNOU
17	Certificate in ICT Applications in Libraries	Database and Content Organisation	Various Key Constraints in RDBMS	12th July, 2016	10-30am to 11-00am	EDUSAT Studio, EMPC, IGNOU
18	Certificate in ICT Applications in Libraries	Database and Content Organisation	Anomalies and Normalization	12th July, 2016	11-05am to 11-35am	EDUSAT Studio, EMPC, IGNOU

| 19 | Certificate in ICT Applications in Libraries | Database and Content Organisation | Database Recovery | 13th July, 2016 | 11-00am to 11-30am | EDUSAT Studio, EMPC, IGNOU |
| 20 | Certificate in ICT Applications in Libraries | Database and Content Organisation | Transaction Management, Concurrency Control and Deadlock | 14th July, 2016 | 11-00am to 11-30am | EDUSAT Studio, EMPC, IGNOU |

VIDEOS FOR MOOC ON WEB CONTENT MANAGEMENT

SNo	Course	Title of the Session	Date of Shooting of Video	Timings	Studio
1	Web Content Management	ePub Tools	13th Sept, 2019	5-00 to 5-30pm	COE, IGNOU
2	Web Content Management	Simulations and Virtual Reality Applications	27th Sept, 2019	4-25 to 5-00pm	COE, IGNOU
3	Web Content Management	ePublications	30th Sept, 2019	2-00pm to 2-30pm	COE, IGNOU

VIDEOS FOR MOOC ON INTERNET BASICS (CLIS BLII-014 BLOCK-3 UNIT-5)

SNo	Course	Title of the Session	Date of Shooting of Video	Timings	Studio
1	ICT in Libraries	Computer Networks	8th Oct, 2020	12-00 to 1-00pm	COE, IGNOU
2	ICT in Libraries	History of Internet	9th Oct, 2020	12-00 to 1-00pm	COE, IGNOU
3	ICT in Libraries	How does Internet Work	23rd Oct, 2020	11-00am to 11-30am	COE, IGNOU
4	ICT in Libraries	Setting up Internet Connections	23rd Oct, 2020	11-30am to 12 Noon	COE, IGNOU
5	ICT in Libraries	Internet Security	9th Nov, 2020	12-30 to 1-00pm	COE, IGNOU

VIDEOS FOR MOOC ON EDUCATIONAL COMMUNICATION TECHNOLOGIES

SNo	Course	Title of the Session	Date of Shooting of Video	Timings	Studio

| 1 | Educational Communication Technologies | Role of Artificial Intelligence in Education | 25th March, 2021 | 5-00 to 5-30pm | Stuido-2, Room No: 2, COE, IGNOU |
| 2 | Educational Communication Technologies | WEB 3.0 in Education | 31st March, 2021 | 4-30pm to 5-00pm | Studio-2, Room No:2, COE, IGNOU |

20 VIDEOS FOR MOOC ON INTRODUCTION TO INFORMATION TECHNOLOGY (CIT-002) DURING JUNE' 2020 to AUG' 2020

S.No.	Topic of Video	Block/ Unit of CIT-002	Duration
1.	Introduction to Information Systems	Block 3, Unit 1	30 min.
2.	Software Development of Information Systems	Block 3, Unit 1	30 min
3.	Tools and Technologies for Development of Information Systems	Block 3, Unit 1	30 min
4.	Maintenance and Updation of Information Systems	Block 3, Unit 1	30 min
5.	Introduction to Management Information Systems (MIS)	Block 3, Unit 2	30 min
6.	Types of Management Information Systems	Block 3, Unit 2	30 min
7.	Components of Management Information Systems	Block 3, Unit 2	30 min
8.	Introduction to IT Projects in India	Block 3, Unit 3	30 min
9.	NICNET & ERNET Projects	Block 3, Unit 3	30 min
10.	Broadband and SWAN Projects	Block 3, Unit 3	30 min
11.	Introduction to Embedded Systems	Block 4, Unit 1	30 min.
12.	Embedded Operating System and Requirement Specifications of Embedded Systems	Block 4, Unit 1	30 min.
13.	Programming Languages for Developing Embedded Systems and Applications	Block 4, Unit 1	30 min.
14.	Introduction to Human Computer Interface(HCI)	Block 4, Unit 2	30 min.
15.	HCI Development and its Applications	Block 4, Unit 2	30 min.
16.	Future Advancements in HCI	Block 4, Unit 2	30 min.
17.	Introduction to Computer Vision	Block 4, Unit 3	30 min.

18.	Applications of Computer Vision -1	Block 4, Unit 3	30 min.
19.	Applications of Computer Vision – 2	Block 4, Unit 3	30 min.
20.	Issues and Challenges in Computer Vision	Block 4, unit 3	30 min.

FB LIVE SESSIONS ON IGNOU-FACEBOOK(@OfficialPageIGNOU)

- Presented a session on the recent SOCIS Online Initiatives for CIT, BCA, MCA and PGDCA Students through FB Live @OfficialPageIGNOU from 11 am to 11:40am on 5th April, 2020.
- Presented a session on Introduction to C Programming through FB Live @OfficialPageIGNOU from 11 am to 12Noon on 10th April, 2020.
- Presented a session on Control Statements, Arrays and Functions in C Programming through FB Live @OfficialPageIGNOU from 11 am to 12Noon on 17th April, 2020.
- Presented a session on Structures in C Programming through FB Live @OfficialPageIGNOU from 11 am to 12Noon on 27th April, 2020.
- Presented a session on Pointers in C Programming through FB Live @OfficialPageIGNOU from 12Noon to 1PM on 2nd May, 2020.
- Presented a session on File Handling in C Programming through FB Live @OfficialPageIGNOU from 12Noon to 1PM on 9th May, 2020.
- Presented a session on Operating System and its Functions through FB Live @OfficialPageIGNOU from 12Noon to 1PM on 18th May, 2020.
- Presented a session on Interprocess Communication and Synchronization through FB Live @OfficialPageIGNOU from 11am to 12Noon on 30th May, 2020.
- Presented a session on Memory Management in Operating Systems through FB Live @OfficialPageIGNOU from 11am to 12Noon on 14th June, 2020.
- Presented a session on Introduction to Embedded Systems through FB Live @OfficialPageIGNOU from 12Noon to 12-30pm on 9th July, 2020.
- Presented a session along with Sh. Akshay Kumar on Programmes Offered by SOCIS through FB Live @OfficialPageIGNOU from 11am to 12Noon 5th Aug, 2020.
- Presented a session on Introduction to Android Operating System through FB Live @OfficialPageIGNOU from 11am to 12 Noon on 13th Dec, 2021.
- Presented a session on Introduction to iOS Operating System through FB Live @OfficialPageIGNOU from 11am to 12 Noon on 15th Dec, 2021.
- Presented a session on MCA_New Programme through FB Live @OfficialPageIGNOU along with Prof.S.S. Rawat and Dr. Sudhansh Sharma from 10.30am to 11.30am on 21st July, 2025.

SWAYAMPRABHA LIVE SESSIONS

- As a resource person presented a LIVE session on Channel – 20 Swayam Prabha on the topic NEP 2020 – Technology Enabled Learning from 3pm to 4pm on 24th Sept, 2022 in the NEP-PDP(2nd Batch) (21-29 Sept, 2022) organized by STRIDE, IGNOU, New Delhi.

   13. Training programmes designed and conducted, duration and dates

SNo.	Programme	Dates	Place	Number of Participants
1	2-Day Training Programme on Use of ICT Tools for Teaching and Providing Online Support to Students	21-22 May, 2020	Online	103
2	2-Day Training Programme on Use of ICT Tools for Teaching and Providing Online Support to Students	28-29 May, 2020	Online	118
3	One-Day Training Programme on Use of ICT Tools for Administration	21-22 May, 2020	Online	106
4	5-Day AICTE ATAL-FDP(Online) on Harnessing Potential of Online Learning in Online Education	2-6 Aug, 2021	Online	ATAL-FDP scheme

14. Details of Counselling sessions conducted:

SNo.	Programme	Course	Place	Dates	Duration	Mode (Specify-Face to Face Radio counselling Teleconferencing Web conferencing Any Other)
1	PhD (CS)	Operating Systems RCSE – 008	SOCIS Conference Room	10th Dec, 2013	10am to 11am	Face to Face
2	PhD (CS)	Operating Systems RCSE – O08	SOCIS Conference Room	11th Dec, 2013	10am to 11am	Face to Face

3	PhD(CS)	Operating Systems RCSE - 008	SOCIS Conference Room	13th Dec, 2013	12 Noon to 1PM	Face to Face
4	PhD(Library Sciences)	Cloud Services to Support Research in Library & Information Services	Room No: 129, SOCIS	9th Feb, 2016	10.30am to 12.30PM	Face to Face
5	PhD(Library Sciences)	Cloud Services for Research	Room No: 129, SOCIS	10th Feb, 2016	2.30pm to 4.30pm	Practical Sessions
4	PhD(CS)	RCSE-001 Data Mining	SOCIS Conference Room	18, 19, 20, 21, 22 Sept – 2017	12-30pm to 2-00pm	Face to Face
5	PhD(CS)	RCSE-008 Advanced Operating Systems	SOCIS Conference Room	3 9, 10, 11, 12, 13, 16, 17 Oct - 2017 4, 5 Oct - 2017	2-30pm to 4-00pm 11-00am to 12-30pm	Face to Face
6	PhD(CS)	RCS-001 Research Methodology	SOCIS Conference Room	6, 7, 9, 10, 11, 12, 13, 16, 17	11-00am to 12-30pm	Face to Face
7	PhD(School of Management Studies)	How to Read a Research Paper, How to write a Research Paper and Literature Review	Conference Room, SOMS	28th July, 2018	10am to 11am 11am to 12Noon 12Noon to 1PM	Face to Face

8	PhD (CS)	RCSE-001 Data Mining	Conference Room, SOCIS	Session 11 to Session 15 7th Apr, 2021 to 9th Apr 2021 12th Apr, 2021 to 13th Apr, 2021	11:20am to 12-20pm	Face to Face
8	PhD (CS)	RCSE-002 Machine Learning	Conference Room, SOCIS	Session 11 to Session 15 2nd Aug, 2021 to 6th Aug, 2021	1-00pm to 2-00pm	Face to Face
9	PhD(CS)	RCS-001 Research Methodology	Conference Room, SOCIS	Session 41 to Session 45 23rd Aug, 2021 to 27th Aug, 2021	11:45am to 12-45pm	Face to Face
10	PhD(CS)	RCS-001 Research Methodology	Conference Room, SOCIS	Session 46 to Session 50 30th Aug, 2021 to 3rd Sept, 2021	10-30am to 11-30am	Face to Face
11	PhD (CS)	RCSE-001 Data Mining	Conference Room, SOCIS	Session 11 to Session 15 10th Oct, 2022 to 14th Oct, 2022	11:30am to 12:30pm	Face to Face
12	PhD (CS)	RCSE-002 Machine Learning	Conference Room, SOCIS	Session 11 to Session 15 17th Oct, 2022 to 21st Oct, 2022	12:30pm to 1:30pm	Face to Face
13	PhD(CS)	RCS-001 Research	Conference Room, SOCIS	Session 41 to	10;30am to 11:30am	Face to Face

		Methodology		Session 45 18th Nov 2022 to 24th Nov, 2022		
14	PhD(CS)	RCS-001 Research Methodology	Conference Room, SOCIS	Session 46 to Session 50 25th Nov, 2022 to 30th Nov, 2022	10-30am to 11-30am	Face to Face
15	PhD(CS)	RCSE-001 Introduction to Data Mining	Conference Room	Session 1 to Session 15 05-26 Sept, 2023	10:00am to 11:00am	Face to Face (15 Sessions)
15	PhD(CS)	RCSE-001 Introduction to Data Mining	Conference Room	Session 1 to Session 15 06-28 Aug, 2024	10:00am to 11:00am	Face to Face (15 Sessions)
16	PhD(CS)	RCSE-001 Introduction to Data Mining	Conference Room	Session 1 to Session 15 05-26 Aug, 2025	10:30am to 11:30am	Face to Face (15 Sessions)

SWAYAMPRABHA SESSIONS FOR MIO-002 SMART TECHNOLOGIES (H/W & S/W)

SNo	Course	Title of the Session	Date of Shooting of Video	Timings	Studio
1	MIO-002 SMART TECHNOLOGIES (H/W & S/W)	IIoT & IoE (Block-2, Unit-2)	20th March, 2023	10-30am to 11-00am	Stuido-1, Room No: 2, COE, IGNOU
2	MIO-002 SMART TECHNOLOGIES (H/W & S/W)	Blockchain Technology (Block-2, Unit-4)	27th March, 2023	10-30am to 11-00am	Studio-1, Room No:2, COE, IGNOU

VIDEOS ON MCS-221 DATAWAREHOUSING AND DATA MINING

Session No.	Title of the Session & Date of the Session Live/Recorded	Time Stamp for the Start of the Video
1	Fundamentals of Data Warehousing (17th Nov, 2022)	https://youtu.be/K-aWvaV6Ssc?t=3772
2	Design Approaches and Types of Data Warehouses (25th Jan, 2023)	https://youtu.be/Kth0D4layig?t=1871
3	Data Warehouse Applications and Popular Data Warehouse Platforms (17th Feb, 2023)	https://youtu.be/LKbATN_8ZLQ?t=79
4	Components of DW Architecture (22nd March, 2023)	https://youtu.be/p9-3F-03uxA?t=56
5	Data Marts (17th April, 2023)	https://youtu.be/7GBiPRnXBYY?t=7
6	Dimensional Modeling and Star Schema (10th May, 2023)	https://youtu.be/81jreIGa_uo?t=37
7	Dimensional Modeling – Snowflake Schema and Fact Constellation Schema (31st July, 2023)	https://youtu.be/54ESvLNPCkY?t=178
8	Working of ETL in a Data Warehouse (29th Aug, 2023)	https://youtu.be/UAp6JRQZI8g?t=3888
9	ETL Tools and ELT in Data Warehousing (4th Sept, 2023)	https://youtu.be/tII7yokdznY?t=5568
10	OLAP and Data Warehousing (9th Oct, 2023)	https://youtu.be/W7T2arIcDW0?t=5529
11	Types of OLAP Architectures (7th Nov, 2023)	https://youtu.be/-R6PXaq8Smw?t=3856
12	Trends in Data Warehousing (Data Lakes and Data Swamp) (6th Dec, 2023)	https://youtu.be/n3slmKuT-4k?t=5603
13	Trends in Data Warehousing (Complex Data and Cloud Data Warehousing) (23rd Jan, 2024)	https://www.youtube.com/watch?v=dovD1m43smQ

14	Trends in Data Warehousing (Real Time Data Warehousing) (16th Feb,2024)	https://youtu.be/LLDYDVunU-k?t=44
15	Trends in Data Warehousing (DW and Hadoop, DW-Automation) (22nd Mar, 2024)	https://www.youtube.com/watch?v=-KG40j95rFA15
16	Introduction to Data Mining (9th April,2024)	https://youtu.be/zqeEyUZnhow?t=200
17	Text Mining (22nd May, 2024)	https://www.youtube.com/watch?v=5lA8q_fvbq0
18	Text Mining – Text Preprocessing (22nd Aug, 2024)	https://www.youtube.com/watch?v=f5JttYrr908
19	Transforming Text into Feature Vectors for Text Mining(18th Sept, 2024)	https://www.youtube.com/watch?v=8iJVEdnt4Bg

VIDEOS ON BCS-011/BCS-111 COMPUTER BASICS AND PC SOFTWARE

Session No.	Title of the Session & Date of the Session Live/Recorded	BCS-111/BCS-011/BEY-020 Course Material Unit	Time Stamp for the Start of the Video
1.	History of Computers (4th Oct, 2024)	Unit -1	https://youtu.be/ro9kFrlUwlM?t=126
2.	Introduction of Computer System and Operating System (9th Oct, 2024)	Unit -1	https://youtu.be/G-Lz5atk2IY?t=72
3.	I/O Devices, OS and Classification of Computers	Unit - 1	https://youtu.be/BUagY0qJTBI?t=102
4.	Input Devices	Unit – 4	https://youtu.be/9MrPq1Ol0_8?t=43

5.	Output Devices	Unit – 4	https://youtu.be/rduQZHxDMgE?t=46

15. Details of Patents granted (if any):

(1) He has published a patent on Architecture for Autonomous Sterilized Thermal Sensing System For Virus Scanning During Epidemics, Patent Application No: 202041012415, Publication No: 22/2020, Date: 29th May,2020, PgNo: 20490.

(2) He has published a patent on A System for Monitoring Water Quality on Real-time Basis, A Device and a Method Thereof, Patent Application No: 202041054841, Publication No: 52/2020, Date: 25th Dec, 2020, PgNo: 63256.

16. Contribution to IGNOU's corporate life:

SNo	Chairperson/ Member of Committee	Name of the Committee	Date/ period
1	Member	Taking-over Committee of ODLSOFT from TCS from 21st Sept,2013	21st Sept, 2013
2	Member	Task Force on Technology, IGNOU from	16th Sept, 2013.
3	Member	Technical Team to work on the Technological Platform, Back-end Databases and Software Applications for Service Oriented Web Portal	17th Oct, 2013
4	Member	Upward movement scheme (UMS) Committee for IGNOU employees of Computer Cadre,	F.No.IG/VCO/DD/2016/5749, Dt:23rd June, 2016.
5	Member	Publication of Open Letter Committee	F.No.AD/2/NA/451, Dt:6th June, 2016.
6	Member	Monitoring Committee for Online Admission and Re-Registration System	F.No.IGNOU/SRD/OAS/2017, Dt: 17th Jan, 2017.
7	Member.	Committee constituted to frame comprehensive guidelines for disposal of obsolete/unserviceable goods/items, furniture/equipement, old application forms and prospectus, old project reports, evaluated assignments, obsolete study material etc.. lying at RCs/SCs	IG/RSD/Obsolete Material/10048, 14th March, 2017.
8	Member	Sub-Committee Seating Arrangement of 30th IGNOU Convocation, IGNOU	13832/SOET, dated: 8th March, 2017.

9	Member	Committee for Opening and Evaluation of the bids for the renewal of licenses of Fortigate Firewall 1000c UTM,	IG/CD/2017-18/Vol-II/24923, Dt: 13th Oct, 2017.
10	Member	Committee for design, developing, printing and procurement of Diaries and Calendars for New Year 2018,	F.No.IG/Admn/GA/Calendar/2014/1805 dated 10.10.2017.
11	Member	Committee to examine the need for upgradation/enhancement of existing ODLSoft System	F.No.AD/2/NA/2438 dated 18-12-2017
12	Member	Expert Visit Committee visited for physical verification / evaluation of infrastructure and other facilities with the institutions GURU TEGH BAHADUR INSTITUTE OF TECHNOLOGY at G – 8 Area, Rajouri Garden, New Delhi, District - Delhi - 110064 and GURU TEGH BAHADUR POLYTECHNIC INSTITUTE, G-8 Area, Rajouri Garden, New Delhi – 110027, appointed by Director and Regional Officer, North West Regional Office, Chandigarh, AICTE.	28.04.2018
13	Member	Library Committee, F.No.AD/2/NA/337	25th May, 2018 for 2 years.
14	Member	Core team for the Development of Official App for IGNOU	F.No.IGNOU/NCIDE/2018-19/288, Dated: 11th June, 2018.
15	Member	Revamping of IGNOU's Website suggested by BOM in its 129th meeting held on 12th Oct, 2017	FNo: IG/CD/Revamp IGNOU Website/2018/1651, Dated: 27th June, 2018.
16	Member	Core Committee to Guide the Process of Developing an Integrated Software Solution for the University	FNo: IG/eSU/UMS/2018/4725, Dated: 13th July, 2018
17	Member	Project Execution Committee for the upgradation of the ODLSoft,	FNo: IG/CD/ODLSoft upgrade/17-18/1828, Dated: 16th July,2018
18	Member	Working Group to work on the Draft Manuals of A & A of ODL Institutions	IG/IQAC/NCMOA/2018, Dt: 8th Oct, 2018
19	Member	Academic Council Standing Committee from 27th Sept, 2018 to 26th Sept, 2019	FNo: IG/ACD/C-ACSC/2004/2538, Dated: 27th Sept, 2018
20	Member	Working Group-5 to work on How can IGNOU move into online degrees (Virtual Univ), course thereby expanding access	IG/ACD/MHRD-Int/2018/3094, dated: 17th Dec, 2018
21	Member	To finalise the technical specifications for the purchase of Computers, Printers and UPS through GeM	F.No./IG/CD/18-19/3456, dated: 3rd Jan, 2019

22	Chairman	Committee for Physical Inspection of Presses for Empanelment as Offset Printers with Paper, MPDD/PTG/1205, Dt: 9th Feb, 2019. Visited Raj Printers(Loni), Laxmi Print India (Dilshad Garden), Amety Offset Printers (Sahibabad) and Sanjay Printers(Sahibabad) on 12th Feb, 2019 and Educational Stores(Bulandshahar Industrial Area) on 14th Feb, 2019.	Finalized the report on 15th Feb, 2019 and submitted to R(MPDD).
23	Member	Committee for Opening and Evaluation of Technical and Financial bids for purchase of computers, printers and UPS through GeM	F.No. IG/Cd/18-19/3905, Dated: 13th Feb, 2019
24	Member	Committee for Opening and Evaluation of Technical and Financial Bids for Purchase of Two-High-End Servers through GeM	F No: IG/CD/Servers-RSD/18-19, Dated: 28th Feb, 2019.
25	Member	Technical Committee of Finalization of the technical specification of SITC Broadcast Quality of Video Server for eTendering	F.No. EMPC/pur/359/V.Server, Dated: 7th March, 2019
26	Member	Committee to scrutinize the applications received for the various contractual positions advertised in SWAYAM & SWAYAM PRABHA Projects of MHRD	Dated: 26th April, 2019.
27	Chairperson	Committee for Testing the configuration of the Computers, printers and UPS purchased through GeM,	F.No. IG/CD/Pur-Comp/Print/UPS/19/4801, dated: 3rd May, 2019.
28	Member	Examination Monitoring Committee for the Term End Examination 2019 to monitor the examination activities and handle the problems which may arise during June TEE, 2019	F.No.:IG/SED/Ex-III/EMC/0619, Dated: 30th May, 2019.
29	Member	Committee of CIQA	F.No. IG/ACD/CIQA/2019/4612, Dated: 8th July 2019 for one year (till 7th July, 2020).
30	Member	CBCS Committee	F.No. AD/2/NA/2141, Dated: 21st Aug, 2019.
31	Member	Technical Specifications for the purchase of Computers, Printers and UPS through GeM	FNo.IG/Cd/Pur-Comp, Print, UPS/19-20/5880, dated: 23rd Aug, 2019.
32	Member	Process of Re-engineering of Printing, Packaging and Dispatching of SLM	AD/2/NA/2196, Dated: 23rd Aug, 2019.
33	Member	Working Group of SAMARTH Project Implementation Committee for ERP Applications – University Management System (UMS)	IG/COE/2019/90, Dated: 9th Sept, 2019.
34	Member	Sub-committee afor Book Budget Formula	IG/L&DD/LC-2019/18273, Dated 19th Sept, 2019.

35	Member	Selection Committee for Sr. Software Consultant	F.No.IG/SRD/Consultant/2019/19189, Dated: 17th Dec, 2019.
36	Member	Committee for the opening and evaluation of bids related to AMC of Firewall Fortigate 1000c	F.No.IG/CD/AMC-Firewall/19-20/20/7468, Dated: 24th Feb, 2020.
37	Convener	**Task Group** for Developing Institutional Implementation Plan for the Quality Mandate Initiative on "Gurudakshta: Faculty Induction programme for Newly Appointed Faculty Members	IGNOU/ACD/UGCQM/2020/13, Dated: 31st March, 2020.
38	Member	Committee to enhance the use of online education and identify, develop, introduce and promote more online programmes	IGNOU/ACD/OnlineProg/2020/39, Dated: 29th April, 2020.
39	Member	Board of Management, IGNOU under Clause (1) (iii) of Statute 6A of IGNOU Act	IG/Admin(G)/BM/2019/420, Dated: May 8, 2020.
40	Member	Committee for the opening and evaluation of bids related to AMC of Firewall Fortigate 1000c	F.No.IG/CD/AMC-Firewall/19-20/20/7468, Dated: 24th Feb, 2020.
41	Member	Task Force to enhance the use of Online Education and identify, develop, introduce and launch online programmes	IGNOU/ACD/OnlineProg/2020/51, dated: 8th May, 2020.
42	Member	Committee to look into the aspects to conduct the Term End Examinations – June 2020	IG/SED/Exam-II/2020, Dated: 22nd June, 2020.
43	Member	Research Council Standing Committee (RCSC)	IG/RU/RCSC/2019/1634, Dated: 9th July, 2020.
44	Member	Establishment Committee, IGNOU under clauses (ii) & (iv) of its composition	IG/Admin(G)/SC/EC/2002/425, Dated: 3rd July, 2020.
45	Member	Screening Committee to short-list the applications invited for the post of Director-Computer Division	F.No.IG/Admn/Rectt./Advt-57/2020/370, dated: 23rd July, 2020.
46	Member	Committee to take stock of the situation arising out of disruption in online services and to chalk out future course of action	F.No.AD/2/NA/1199, Dated: 14th Aug, 2020.
47	Member	Task Force for Implementation of National Education Policy – 2020 in IGNOU	F.No:IG/Admn/2020/8815, dated: 2nd Sept, 2020.
48	Member	Examination Committee for the TEE-2020(Sept-Oct),	FNo:IG/SED/Ex-III/EC/2020, Dated: 06th Sept, 2020 to 05th Sept 2022 (for 2 years).
49	Member	To Work out a policy for the online/web enabled academic support activities undertaken by the RCs including online assignment and project submission activity and to develop SOP for the same	IG/RSD/Notification/48SSC/Online/Academic Support/2020/3795,dated: 29th Sept, 2020.

50	Member	committee to assess the need and specification of the infrastructure for online services against HEFA	FNo IG/COE/2020, Dated: 12th Oct, 2020.
51	Member	Committee to look into all the aspects to conduct the TEE, Dec, 2020 across the country and international centres	F.No.IG/SED/Ex-II/TEE/1220, Dated: 19th Oct, 2020.
52	Member	Committee to look into the difficulties/complicities experienced in QPDS for TEE, June 2020 and suggest remedial measures	F.NO: IG/SED/g/QPDS/2020/1443, Dated: 26th Oct, 2020.
53	Member	Screening Committee to short-list the applications invited for the post of Registrar (Administration)	F.No.IG/Admn/Rectt(NA)./R(A)/2020/412, dated: 26th Nov, 2020.
54	Chairperson	Committee regarding the upgradation of ICT infrastructure for Online services against HEFA for preparation of Bid Document, opening and evaluation of technical bid along with financial bid for the procurement uploaded on GeM	F.No: IG/COE/2020, Dated: 29th Dec, 2020.
55	Member	Reception and Coordination Committee in view of the visit of NAAC Team in IGNOU during 4th Jan, 2021 to 7th Jan, 2021	F.No.AD/2/NA/1301, Dated: 4th Jan, 2021.
56	Member	Committee to finalize the technical specifications for the purchase of computers, printers and UPSs through GeM for the purpose of second time upgradation of ICT infrastructure of the University,	F.No: IG/Cd/Pur_Comp, Print, UPS/19-20/19, 8844/CD, Dated: 15th Jan, 2021.
57	Member	CIQA committee (as per the requirement of NAAC)	F.No.AD/2/NA/6664, Dated: 20th Jan, 2021.
58	Member	Screening Committee to short-list the applications invited for the post of Librarian	F.No.IG/ACD/EMPC-Libr/Advt/2020/7869, dated: 11th March, 2021.
59	Member	committee to discuss, deliberate and implement Online Counselling to IGNOU Learners and preparing roadmap for the purpose	F.No. AD/2/NA/2036, Dated: 17th March, 2021.
60	Convener	Committee for drafting of the OER Policy for IGNOU	F.No: IG/COE/2021, Dated: 1st June, 2021.
61	Member	Committee to draft a comprehensive Policy on the Credit Transfer at IGNOU based on the latest UGC notifications for implementation of NEP-2020	2021
62	Member	Establishment of Application Development Center(ADC) and MIS Cell to Integrate datasets cutting across Operational Divisions and School of Studies	F.No. IG/P&DD/Notification-38/2021/929, Dt: 24th Sept, 2021.
63	Member	Development of an Action Plan for Technology Enabled Learning Support (TELS)	F.No. IG/P&DD/Notification-

			38/2021/929, Dt: 24ᵗʰ Sept, 2021.
64	Member	Monitoring Committee, Implementation of Institutional Development Plan in IGNOU	F.No.IG/CIQA/NEP/IDP/21/106, Dt: 23ʳᵈ Nov, 2021.
65	Member	Screening Committee to shortlist the applications for the post of Technical Manager and Technical Assistant, COE,	F.No.IG/Admin/Rectt/NA/T.M&T.C/2021/714, Dt: 23ʳᵈ Nov, 2021.
66	Member	Manual for Overseas Facilitators for International Online Operations	F.No. IG/ID/Prom.Act/2021, Dt: 2ⁿᵈ Dec, 2021.
67	Chairperson	Committee constituted for Testing the configuration of the items – Computers, Printers and UPS	FNo.IG/CD/Pur-Comp.Printer,UPS/22/11954 , Dated: 15ᵗʰ March, 2022.
68	Member	Committee to chalk out the modalities to conduct the workshop on the UGC prescribed 2-credit course on Research and Publication Ethics(RPE-001) for Research Scholars of July,2021 batch	2021
69	Member	Committee to finalize the technical specifications, Bid uploading and evaluation through GeM for the purchase of computers, printers and UPSs	F.No: IG/Cd/Pur_Comp, Print, UPS/22-23/13266, Dated: 3ʳᵈ Oct, 2022.
70	Member	Committee to to adjudge the Best Programme / Course launched by IGNOU in ODL/SWAYAM/Online mode	F.No: IG/Admin/GA/FD/81/2022/5865, Dated: 17th Oct, 2022.
71	Core Member	IGNOU-PMU, H/o NMEICT Phase-III Scheme to be stationed at IGNOU	Nov, 2022
72	Member	Institute's Innovation Council (IIC-5.0) at IGNOU as per MoE's Innovation Cell (MIC) Guidelines for 2022-23	18th Nov, 2022 to 17th Nov, 2023
73	Member	Committee to review the proposal for re-structuring of Computer Cadre pyramid	F.No. AD/2/NA/5690, Dated: 6th Oct, 2022.
74	Member	Committee to adjudge the Best Programme / Course launched by IGNOU in ODL/SWAYAM/Online mode	F.No: IG/Admin/GA/FD/81/2022/5865, Dated: 17th Oct, 2022.
75	Member	Academic Council under Clause (1)(iv), (vi) and (ix) of Statue 9 of the University on 18th March, 2023 for 2 years till 17th March, 2025	F.No:IG/ACD/AC/2004, Dated: 18th March, 2023
76	Member	Committee to prepare Cyber Crisis Management Plan (CCMP) for the University	F.No.IG/CD/CCMP/2022-23/14440, Dated: 04/05/2023
77	Chairperson	Committee to inspect the Old IT infrastructure and preparation of a report for its disposal	F.No.IG/CD/Disposal/2022-23/14438. Dated: 04/05/2023.

78	Member	Committee to finalize the Technical Specifications for Smart Classrooms across Various Schools/Centres and ICT Upgradation at IGNOU Convention Centre	FNo.IG/CD/2023-24/14740, Dt: 20/11/2023.
79	Member	Committee for preparation of strategy/method for distribution of Computers, Printers and UPS at the IGNOU Headquarters and 4 NCR-RCs	F.No.IG/CD/Pur-Comp/UPS/23/14956, Dated: 03/08/2023.
80	Member	Committee for conducting a workshop on the UGC prescribed 2-credit course on Research and Publication Ethics(RPE-001) for Research Scholars of July,2022 batch	FNo: IG/RU/RPE-JULY 2022/20231761, Dated: 3rd Oct, 2023.
81	Member	Committee for Screening of CAS Applications of Teachers	FNo: IG/ACD/7th CPC/CAS/2023/2074, Dated: 6th Oct, 2023.
82	Member	Committee to adjudge the Best Programme / Course launched by IGNOU in ODL/SWAYAM/Online mode	F.No: IG/Admin/GA/FD/81/2023/7735, Dated: 16th Oct, 2023
83	Member	Committee to recommend upgradation of posts upto the level of AR(Group-A) and SO/Private Secretaries(Group-B)	F.No. AD/2/NA/928, Dated: 1st Nov, 2023.
84	Member	Procurement Committee for Strengthening of Campus Networking and Strengthening of Campus Surveillance System through GeM	F.No. IG/CD/NET/Surv/Budget/12, Dated: 28th May, 2024
85	Member	Project Execution Committee to coordinate, closely monitor, execute and successful implementation of "Strengthening of Campus Networking and Strengthening of Campus Surveillance System	F.No. IG/CD/SOCNASS/2024-25, Dt: 10th Feb, 2025.
86	Member	Committee constituted to assist CIQA, IGNOU in documenting best practices related to NAAC activities on "Upgradation of Infrastructure"	F.No:CIQA/2/NAAC Act. Committ. / 2025/479, Dated: 20th March, 2025.
87	Member	Committee constituted to assist CIQA, IGNOU in documenting best practices related to NAAC activities on "Manual of Examination Automation System"	F.No:CIQA/3/Pol.Dc.Committ./2025/480, Dated: 20th March, 2025
88	Member	Committee constituted to assist CIQA, IGNOU in documenting best practices related to NAAC activities on "Technology Use and Integration of Online and Digital Education".	F.No:CIQA/1/NEP. Act. Committ. / 2025/478, Dated: 20th March, 2025.
89	Member	Committee constituted to assist CIQA, IGNOU in documenting best practices related to NAAC activities on "Online and Digital Education".	F.No:CIQA/1/NEP Act. Committ. / 2025/478, Dated: 20th March, 2025.

90	Convener	Committee of the committee for revision of fee rationalization and marketability of IGNOU's Academic Programmes	Notification No. 86, IG/P&DD/25/2244, 23rd July, 2025
91	Chairperson	Committee for the procurement of Teaching and Learning Licenses for IGNOU domain through GeM,	F.No. IG/COE/2025/5292, 31st July, 2025.
92	Member	Committee to examine and review the existing Leave Rule pattern in Respect of Teaching Staff	F.No. IG/ACD/Misc/2021/Leave/ Vacation/1381, 11th Aug, 2025.
93	Member	Committee to post based reservation roster for direct recruitment (non-academic) posts	F.No. IG//HQ/Amn/E-1/37/2220, 14th Nov, 2025.
94	Chairperson	Committee for Bid preparation, uploading and evaluation through GeM for Procurement of Internet Leased Line of 1 Gbps for the University	F.No.IG/CD/25/3008/CD, Dated: 09-12-2025
95	Member	Committee to streamline the operationalization of admission process of 4-year Bachelor's Degree Programme under NEP 2020	F.No.IG/ACD/AC-80/ATR/2023/2074, Dated: 16th Dec, 2025.
96	Member	Committee to Inspect the Old IT infrastructure	F.No.IG/CD/25/3053/CD, Dated: 18th Dec, 2025.

17. Administrative position/s held in the University (even as in charge)

SNo.	Designation	Period
1	Director, School of Computer and Information Sciences (SOCIS)	14th May, 2018 to 13th May, 2021
2	Director(I/C), Centre for Online Education (COE)	18th May, 2021 to 31st Jan, 2022
3	Director(I/C), Planning and Development Divison	1st July, 2025 to Till Date

18. Any other contribution/information

COUTRIES VISITED

Visited **VIETNAM (Ho Chi Minh and Hanoi)** to attend and present a paper in the 32nd Annual Conference of the Asian Association of Open Universities 2018 (AAOU 2018) on Open Education in Human Resource Development in Asia's Period of Integration organized by Hanoi Open University during 24-26 October, 2018.

Visited **HONGKONG and MACAU** to attend and present a paper in the International Conference on Open and Innovative Education ICOIE – 2019 organized by The Open University of Hongkong, HONGKONG during 10-12 July, 2019.

Visited NEPAL (Kathmandu) to attend and present a paper on Generative AI in Assessments: Technical Perspectives and Emerging Tools in the 2nd International Conference on Reimagining Teacher Education: A Critical Appropriation of Local Traditions and Global Trends organized by FoSSED, Nepal Open University in collaboration with ECEC Innovation in Education, with the support of NORHED

II, Nepal, NLA University College University of Agder, Norway and Driestar Christian University, Netherlands during 03-07 November, 2025.

MANAGEMENT DEVELOPMENT PROGRAMME (NURTURING FUTURE LEADERSHIP PROGRAMME) FROM IIM, LUCKNOW

Participated in the Nurturing Future Leadership Programme under the aegis of MMTTP during 03-07 Nov, 2025 at Indian Institute of Management (IIM), Lucknow, UP, India.

EDITORIAL BOARD MEMBER

Was nominated as Editorial Board Member of American Journal of Computer Science and Technology (AJCST) from 21st Aug, 2023 to 21 Aug, 2026(3 years) (*www.sciencepublishinggroup.com*)

MEMBER OF ASIAN COUNCIL OF SCIENCE EDITORS(ACSE)
Was nominated as Member, Asian Council of Science Editors (ACSE)(*www.theacse.com*) from 12th Sept, 2023 onwards. Membership No: 24261955

MEMBER ON THE BOARD OF MANAGEMENT, IGNOU

Was nominated as **Member on the Board of Management** by Hon'ble VC, IGNOU as per the provision of Clause (1) (iii) of Statute 6A of the Statutes of the University. (IG/Admn(G)/BM/2019/420, dated: 8th May, 2020).

MEMBER ON THE ESTABLISHMENT COMMITTEE, IGNOU

Was nominated as Member on the Establishment Committee (a standing committee of the Board of Management of IGNOU) Hon'ble VC, IGNOU under Clauses (ii) & (iv) of its composition. (IG/Admin(G)/SC/EC/2002/425, dated: 3rd July, 2020).

MEMBER ON THE RESEARCH COUNCIL STANDING COMMITTEE, IGNOU
Member, RCSC from 9th July, 2020 onwards (co-terminus with Member, BOM). IGN/RU/RCSC/2019/1634, dated: 9th July, 2020.

MEMBER, RESEARCH COUNCIL, IGNOU

Member, Research Council from 28th January, 2021, onwards, IGN/RU/CRC/2021/7216, dated: 28th January, 2020.

MEMBER, EXAMINATION COMMITTEE

Member, Examination Committee for the TEE-2020(Sept-Oct), FNo:IG/SED/Ex-III/EC/2020, Dated: 06th Sept, 2020 to 05th Sept 2022 (for 2 years).

MEMBER, PURCHASE COMMITTEE

Member, Purchase Committee, a standing committee of the Board of Management, FNo: IG/Admn/BOM(G)/2005/19, Dated: 27th Oct, 2020.

SWAYAMPRABHA-DTH CHANNEL COORDINATOR FOR CHANNEL-19 (PROFESSIONAL AND VOCATIONAL EDUCATION)

Was appointed as Channel Coordinator for SWAYAMPRABHA-DTH Channel-19 (Professional and Vocational Education) on 28th Aug, 2020.

EXTERNAL EXPERT, CIQA COMMITTEE, YCMOU, NASHIK

Was nominated as External Expert, CIQA Committee of YCMOU, Nashik for a period of 2 years (effect from 16th Sept, 2020)

EXPERT, CIQA COMMITTEE, IGNOU

Was nominated as External Expert, CIQA Committee of IGNOU, New Delhi (effect from 20th Jan, 2021)

EXTERNAL EXPERT, CIQA COMMITTEE, SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY), PUNE

Was nominated as External Expert, CIQA Committee of Symbiosis International (Deemed University), Pune for a period of 2 years (Fom 29th August, 2025 to 28th August, 2027)

EXTERNAL EXPERT, AICTE

AICTE nominated as Computer Science Subject Expert to review syllabus of 3rd and 4th semester Undergraduate and Diploma courses to identify common part of the syllabus (*Office Order* : AICTE/FDC/TBW/DIP-2/2022-23, Dated: 28th June, 2022)

MEMBER, MODERATION BOARD, IETE, NEW DELHI

Was nominated as Member, Moderation Board Committee of The Institution of Electronics & Telecommunication Engineers (IETE), New Delhi (w.e.f 15th Nov, 2020).

MEMBER, INSTITUTE'S INNOVATION COUNCIL (IIC)

Was nominated as Member, Institute's Innovation Council at IGNOU as per MOE's Innovation Cell (MIC) Guidelines for 2022-23 (w.e.f 1st Sept, 2022 to 30th Sept, 2023).

MEMBER, CORE TEAM OF IGNOU-PMU under NMEICT Phase-III

Member, Core Team of IGNOU-PMU of NMEICT-Phase-III Scheme with due approval of Project Approval Board (PAB) under the Ministry of Education, GoI. F.No:IG/Admn/GA/EdCIL-PMU/2022/6/04/GA/6111, dated: 5th Dec, 2022.

MEMBER ACADEMIC COUNCIL

Member, **Academic Council** of the University for Two years from 7th January, 2008 to 6th January, 2010.

Was nominated as Member, Academic Council under Clause (1)(iv), (vi) and (ix) of Statue 9 of the University on 18th March, 2023 for 2 years till 17th March, 2025.

MEMBER, BOARD OF STUDIES, NRI INSTITUTE OF TECHNOLOGY, VIJAYAWADA, AP

Was nominated as Member, Board of Studies (BoS) and Subject Expert in CSE-DS & AI-ML by NRI Institute of Technology (Affiliated to JNTU, Kakinada), Agiripalli, Vijayawada, Andra Pradesh (12th Oct, 2025 to 11th Oct, 2028).

RESEARCHER IDs

- **ORCID: 0000-0003-4872-4828**

- **Scopus Author ID: 58131314500**

- **Web of Science Researcher ID: AAD-7619-2021**

- **VIDWAN ID: 126895**

- **Google Scholar Link**: https://scholar.google.com/citations?hl=en&user=T7QOLGcAAAAJ

- **Google Scholar ID:** T7QOLGcAAAAJ

- **Semantic Scholar Author ID**: https://www.semanticscholar.org/author/V.-Subrahmanyam/143744804

- **DBLP ID**: https://dblp.org/pid/61/8824

LIFE MEMBERSHIP

- **Life Member of Indian Society for Technical Education (ISTE), MNo: LM 103242.**

- **Life Member of Computer Society of India (CSI), MNo: I1503046.**

- **Life Member of Institution of Communication Engineers and Information Technologists (ICEIT) – SM 1800566 L.**

- **Association for Computing Machinery (ACM) Member Membership No:** 4114540 **from 7th Oct, 2015.**

MOOCS Completed

- Attended and completed an online MOOCs programme on "MOOC on MOOC's" conducted by Centre of Development of Technical Education, IIT, Kanpur and COL with Technical Education Quality Improvement Programme (TEQIP) from 5th September, 2014 to 12th October, 2014.

- Attended and completed a 4 week online MOOCs programme on "Using ICTs to Enrich Teaching and Learning" conducted by African Virtual University and the Commonwealth of Learning (COL) from 9th March,2015 to 8th April, 2015.

- Attended and completed a 5 week online MOOCs programme on Technology Enabled Learning "TELMOOC" conducted by Athabasca University in Alberta, Canada and the Commonwealth of Learning (COL) from 6th November, 2017 to 10th December, 2017 *(Online certificate can be verified at mooc4dev.org/v/5a5c1f37827951f3508b4582).*

- Attended and completed a 5 week MOOCs programme on "Blockchains for Managers – Introduction and Applications" conducted by Dept of Continuing Education, IIT, Kanpur and Commonwealth of Learning (COL) from 5th May, 2019 to 10th June, 2019. *(Online Blockchain certificate can be verified at mooc4dev.org/v/5d08861f5e248).*

- Attended and completed a MOOCs programme on "Artificial Intelligence (AI) for Teachers " conducted by CEMCA-COL and received a certificate dated 28th Feb, 2024. (Online certificate can be verified at mooc4dev.org/v/65e004fa97210).

MOOCS Offered

1. A MOOC on Database and Content Organisation (Course ID: 1455) was offered to the students on SWAYAM platform, MOE, Govt. Of India for 3 months (12 weeks) from 1st July, 2017 to 22nd Sept, 2017. It attracted 1261 students and has a rating of 4.3 out of 5.

2. First Rerun of the MOOC on Database and Content Organisation (Course ID: 4598) was offered to the students on SWAYAM platform, MOE, Govt. Of India for 6 months from 1st July, 2018 to 31st Dec, 2018. It attracted 1984 students and has a rating of 4.7 out of 5.

3. Second Rerun of the MOOC on Database and Content Organisation (Course ID: 5865) was offered to the students on SWAYAM platform, MOE, Govt. Of India for 2 months (8 weeks) from 1st March, 2019 to 30th April, 2019. It attracted 1245 students and has a rating of 4.4 out of 5.

4. Third Rerun of the MOOC on Database and Content Organisation was offered to the students on SWAYAM platform, MOE, Govt. Of India for 15 Weeks from 1st August, 2019 to 31st Oct, 2019. It attracted 863 students.

5. Fourth Rerun of the MOOC on Database and Content Organisation was offered to the students on SWAYAM platform, MOE, Govt. Of India for 15 Weeks from 1st January, 2020 to 30th April, 2020. It attracted 1023 students.

6. Fifth Rerun of the MOOC on Database and Content Organisation was offered to the students on SWAYAM platform, MOE, Govt. Of India for 12 Weeks from 15th Sept, 2020 to 31st December, 2020. It attracted 601 students.

7. Sixth Rerun of the MOOC on Database and Content Organisation was offered to the students on SWAYAM platform, MOE, Govt. Of India for 12 Weeks during Jan-2021 to June-2021 session. Learner Enrolled - 1144

8. Seventh Rerun of the MOOC on Database and Content Organisation was offered to the students on SWAYAM platform, MOE, Govt. Of India for 12 Weeks during July-2021 to December 2021 session. Learners Enrolled - 776

9. Eighth Rerun of the MOOC on Database and Content Organisation was offered to the students on SWAYAM platform, MOE, Govt. Of India for 12 Weeks during Jan-2022 to June-2022 session. Learners Enrolled - 534

10. Nineth Rerun of the MOOC on Database and Content Organisation was offered to the students on SWAYAM platform, MOE, Govt. Of India for 12 Weeks from July-2022 to December-2022 session. Learners Enrolled -

11. Tenth Rerun of the MOOC on Database and Content Organisation was offered to the students on SWAYAM platform, MOE, Govt. Of India for 12 Weeks during Jan-2023 to June-2023 session. Learners Enrolled: 419

12. Eleventh Rerun of the MOOC on Database and Content Organisation was offered to the students on SWAYAM platform, MOE, Govt. Of India for 12 Weeks from July-2023 to December-2023 session.

13. Twelth Rerun of the MOOC on Database and Content Organisation was offered to the students on SWAYAM platform, MOE, Govt. Of India for 12 Weeks from Jan-2024 to June-2024 session. Learners Enrolled: 410

14. Thirteenth Rerun of the MOOC on Database and Content Organisation was offered to the students on SWAYAM platform, MOE, Govt. Of India for 12 Weeks from Jul-2024 to Dec-2024 session. Learners Enrolled: 616

15. Fourteenth Rerun of the MOOC on Database and Content Organisation was offered to the students on SWAYAM platform, MOE, Govt. Of India for 12 Weeks from Jan-2025 to Jun2025 session. Learners Enrolled: 443.

16. Fifteenth Rerun of the MOOC on Database and Content Organisation was offered to the students on SWAYAM platform, MOE, Govt. Of India for 12 Weeks from July-2025 to Dec-2025 session. Learners Enrolled – 393

17. Sixteen Rerun of the MOOC on Database and Content Organisation will be on offer to the students on SWAYAM platform, MoE, GoI for 12 weeks from Jan-2026 to June-2026 session. Learners Enrolled – 35 (Registrations Ongoing)

REVIEWER OF RESEARCH PAPERS IN JOURNALS

- Reviewed papers received from Chief Editor, **Indian Journal of Open Learning (IJOL),** STRIDE, IGNOU from time to time and sent comments / suggestions / improvements from February 2016 onwards.

- Reviewed research paper received from Chief Editor, Africa Education Review, ScholarOne Manuscripts, Routledge, **Taylor & Francis Group, Thomson Reuters** entitled, "Using the ePortfolio by adults in the Tunisian continuous education context" in the month of June, 2016 and reviewed after incorporating comments in the month of Aug,2016.

- Reviewed research paper received from Chief Editor DESIDOC Journal Of Library and Information Technology (DRDO Journal) entitled, "**Building Immersive Library Environment to Access Virtual Reality Content,"** for **DESIDOC Journal of Library & Information Technology**" in the month of Jan, 2022.

- Reviewed research paper received from Chief Editor, Annals of Library and Information Studies (ALIS) of CSIR, NISCAIR entitled, "**What Experts Sense: Immersive Library Services is Futile or will bring Infinite Opportunities?"** in the month of Feb, 2022.

- Reviewed 3 research papers received through Microsoft Conference Management Toolkit (CMT3) for the 2022 **IEEE World Conference on Applied Intelligence and Computing (AIC 2022**) entitled, (1) Automatic Brain Tumor Detection: A Review (2) Rule based "sandhi" Splitting & joining Methods for Gujarati; an Indian Language (3) The issue of determining student merit at private engineering colleges under MAKAUT was analyzed using machine learning and data science in the month of April, 2022.

- Reviewed 2 papers received from Chief Editor, **Indian Journal of Open Learning (IJOL),** STRIDE, IGNOU entitled **"Digital Lesson Plan as a composite tool in Online teaching of Dance skills", "Online Learning in Technical Education – The Need of the Hour and its effectiveness**" in the month of June, 2022.
- Reviewed 2 research papers received from Editor, International Journal of Artificial Intelligence and Soft Computing (IJAISC) of Inderscience Publishers entitled, "**Effective GA Approach for Municipal Solid Waste Collection: Dynamic Capacitated Vehicles Routing in Smart Cities"** and " Smart Fruit Basket – Towards Multi-view Fruit Recognition" in the month of June, 2022.
- Reviewed a research paper received from Editor, **International Journal of Artificial Intelligence and Soft Computing (IJAISC) of Inderscience Publishers** entitled, "**Computational Intelligence Approaches for Predictive Modeling in Clinical Dataset Issues & Challenges: A Review**" in the month of Aug, 2023.
- Reviewed research paper received from Chief Editor DESIDOC Journal Of Library and Information Technology (DRDO Journal) entitled, "**ICT Enabled Information Services Using Web 2.0 in Public Libraries of Tamil Nadu,"** for DESIDOC Journal of Library & Information Technology," for **DESIDOC Journal of Library & Information Technology**" in the month of Feb, 2024.
- Reviewed a research paper received from Editor, **International Journal of Computer Engineering in Research Trends (IJCERT)** entitled, "**Enhancing Hard Disk Testing Result Prediction: A Comparative Study Using AntMiner+ and C5 Models** " in the month of Feb, 2024.
- Reviewed a research paper received from Editor, titled, "**Use of New Technologies in Primary Education**" in the month of March, 2025 for Asian Journal of Education and Social Studies, United Kingdom.
- Reviewed a research paper received from Editor, titled, "**Correlation Analysis: ICT Tools Integration in Teaching, Learning and Perceived Student Performance Among College Students in the Municipality of Bansalan**" in the month of April, 2025 for Asian Journal of Education and Social Studies, United Kingdom.
- Reviewed a research paper received from Editor, titled, "**Prediction of China's Silicon Wafer Price: A GA-PSO-BP Model**" in the month of April, 2025 from PLOS ONE, California, US.
- Reviewed a research paper received from Editor, titled, "**Optimizing Hyperparameters of YOLOv10 for Arson Detection Using Advanced Optimization Algorithms**" in the month of June, 2025 from PLOS ONE, California, US.
- Reviewed a research paper received from Editor, titled, "**Teachers' Digital Literacy and the Adoption of Artificial Intelligence in Social Studies Assessment: A Study of Upper Basic Schools in Edo State**" in the month of July, 2025 for Asian Journal of Education and Social Studies, United Kingdom.
- As a Editorial Board Member, reviewed a research paper received from Editor, titled, "**Comparative Analysis of Machine Learning and Deep Learning Models for Crop Yield Prediction**" in the month of Sept, 2025 from Science Publishing Group, New York, USA.

REVIEWER OF RESEARCH PAPERS IN AN INTERNATIONAL CONFERENCE / TECHNICAL PROGRAMME COMMITTEE

- Reviewed a research paper received from Chief Editor, **Springer CCS Series – International Conferernce on Information, Communication & Computing Technlology (ICICCT-2017)** titled, "Detection of RCE and RFI Vulnerability in Web Based Application" in the month of Feb, 2017.
- Reviewed 3 research papers received from Chief Editor, **INDIACom-2019** in the month of Nov, 2018.
- Board/Technical committee member for "International conference on Cyber Security in Emerging Digital Era" (ICCEDE2020), a Springer CCIS Series at G. L Bajaj Institute of Technology and Management, Gr. Noida, Gautam Buddh Nagar, Delhi NCR, India, during 9-10 Oct 2020, reviewed a paper on "Risks, Challenges and Security Concerns in Cloud Computing" and sent back the review to the conference secretariat online.
- Nominated as a member in Technical Programme Chair (TPC) committee of IEEE 17th India Council International Conference (INDICON), reviewed 4 research papers and forwarded the comments.
- Being on the conference technical committee (as reviewer) MAIMS International Conference (MIC-2020) organized by Maharaja Agrasen Institute of Management Studies reviewed one research and forwarded the comments.
- Technical Program Committee Member / Reviewer for "International conference on Computational Intelligence and Sustainable Engineering Solutions" (CISES-2022), co-sponsored by IEEE and IEEE Computational Intelligence Society(IEEE-CIS) organized by Dept. of Master of Computer Applications, G. L Bajaj Institute of Technology and Management, Gr. Noida, Gautam Buddh Nagar, Delhi NCR, India, during 20-22 May, 2022, reviewed research papers.
- Program Committee Member / Reviewer for 2022 IEEE World Conference on Applied Intelligence and Computing (AIC-2022) (17-19 June-2022), technically sponsored by Soft Computing Research Society, IEEE UP Section and MP Section and organized by Rajkiya Engineering College, Sonbhadra during 17-19 June, 2022, reviewed 3 research papers.
- Technical Program Committee Member / Reviewer for "2nd International Conference on Innovative Sustainable Computational Technologies (CISCT-2022)", co-sponsored by IEEE (UP Section) organized by Graphic Era University and USERC, India, during 23-24 Dec, 2022, reviewed 3 research papers. Conference Record No: 55310.
- Technical Program Committee Member / Reviewer for "4th International conference on Communication and Intelligent Systems (ICCIS-2022), technically sponsored by Soft Computing Research Society organized by National Institute of Technology, Delhi, India, during 19-20 Dec, 2022, reviewed 3 research papers.
- Reviewer for "DELCON 2023, sponsored by ÏEEE Delhi Section organized by Chitkara University, Punjab, India during 24-26 Feb, 2023, reviewed 3 research papers during Dec-2022 and Jan-2023.
- Program Committee Member / Reviewer for "3rd International Conference Data Science & Big Data Analytics (IDBA-ACMWIR 2023) (16-17 June-2023), technically sponsored by Sri Aurobindo Institute of Technology, Namibia University of Science and Technology, UNESCO Chair on Secure High Performance Computing for Higher Education and Research during 16-17 June, 2023, reviewed 3 research papers.
- Program Committee Member and Reviewer for "International Conference on Power Engineering and Intelligent Systems (PEIS-2023) (24-25 June-2023), organized by National Institute of Technology (NIT), Delhi and Soft Computing Research Society, reviewed research papers.

- Technical Program Committee Member / Reviewer for "3rd International Conference on Innovative Sustainable Computational Technologies (CISCT-2023)", co-sponsored by IEEE (UP Section) organized by Graphic Era University and USERC, India, during 08-09 Sept 2023 reviewed 3 research papers. Conference Record No: 57197.
- Technical Program committee Member / Reviewer for "2nd International Conference on Advances in Data-driven Computing and Intelligent Systems (ADCIS 2023) to be held on September 21-23, 2023, at BITS Pilani, K K Birla Goa Campus, India in Hybrid Mode, reviewed 4 research papers.
- Technical Program Committee Member / Reviewer for "First International Conference on Computational Intelligence, Networks and Security (ICCINS-2023)", technically co-sponsored by IEEE (Hyderabad Section) organized by Lakireddy Bali Reddy College of Engineering, Mylavaram, Andhra Pradesh, India, during 22-23 Dec 2023 reviewed 2 research papers (reviewed in the month of Sept-2023).
- Technical Program Committee Member and Reviewer for "5th International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering and Technology (ICSISCET-2023)", organized by Madhav Institute of Technology and Science, Gwalior, India, during 21-22 Oct, 2023 reviewed 2 research papers (reviewed in the month of Sept-2023).
- Technical Program Committee Member and Reviewer for "Congress on Smart Computing Technologies (CSCT-2023)", organized by SAU Center for Research and Innovative Learning (SCRIL) South Asian University, India and Soft Computing Research Society, during 2-3 Dec, 2023.
- Technical Program Committee Member / Reviewer for "5th International Conference on Communication and Intelligent Systems (ICCIS-2023), technically sponsored by Soft Computing Research Society organized by MNIT, Jaipur, India, during 16-17 Dec, 2023, reviewed research papers.
- Technical Program Committee Member / Reviewer for "2nd International Conference on Power Engineering and Intelligent System (PEIS-2024)", organized by National Institute of Technology, Uttarakhand, India and technically sponsored by Soft Computing Research Society organized during 16-17 March, 2024, reviewed research papers.
- Technical Program Committee Member / Reviewer for "International Conference on Computing and Machine Learning (CML-2024)", organized by Dept of Computer Applications, Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University, India organized during 29-30 March, 2024, reviewed research papers.
- Technical Program Committee Member / Reviewer for "International Conference on Business Intelligence and Data Analytics (BIDA-20224)", organized by RV Institute of Managmenet (RVIM), Bangalore and technically sponsored by Soft Computing Research Society organized during 06-07 April, 2024, reviewed research papers.
- Technical Program Committee Member and Reviewer for "2024 OP Jindal Technology Conference (OTCON) on Smart Computing for Innovation & Advancement in Industry 4.0", organized by Dept of Computer Science and Engineering, OP Jindal University, Raigarh, India, during 05-07 June 2024 reviewed 4 research papers (reviewed in the month of May-2024).
- Technical Program Committee Member / Reviewer for "5th International Conference on Data Science and Applications (ICDSA-2024), organized by Malaviya National Institute of Technology, Jaipur and technically sponsored by Soft Computing Research Society organized during 17-19 July, 2024, reviewed research papers.

- Technical Program Committee Member / Reviewer for "IEEE World Conference on Applied Intelligence and Computing (AIC-2024), technically sponsored by Soft Computing Research Society organized during 27-28 July, 2024, reviewed research papers.
- Program Committee Member and Reviewer for "3rd International Conference on Advances in Data-Driven Computing and Intelligent Systems (ADCIS-2024), organized by BITS Pilani, Goa Campus technically sponsored by Soft Computing Research Society, APPCARI and NFSU organized during 20-21 Sept, 2024, reviewed research papers.
- Technical Program Committee Member / Reviewer for "IEEE-TENSYMP Conference - 2024, technically sponsored by Soft Computing Research Society organized by IEEE R10 in association with Delhi Section during 27-29 Sept, 2024. Reviewed research papers.
- Program Committee Member / Reviewer for "5th International Conference on Paradigms of Communication, Computing and Data Analytics (PCCDA-2025)", technically sponsored by Soft Computing Research Society organized by Pt. Lalit Mohan Sharma Campus, Rishikesh, Sri Dev Suman Uttarakhand University, Uttarakhand, India during 18-19 Jan, 2025. Reviewed research papers.
- Program Committee Member and Reviewer of research papers for "7th International Conference on Communication and Computational Technologies (ICCCT-2025)", organized by National Forensic Sciences, University of Goa Campus, India and Florida International University, Miami, FL, USA during 14-15 Feb, 2025.
- Reviewer for "AI-Driven Smart Healthcare for Society (AdSoc 5.0), technically sponsored by IEEE Kolkata Section, NBA and Soft Computing Research Society organized by Guru Nanak Institute of Technology during 14-15 Feb,2025, reviewed research papers.
- Program Committee Member and Reviewer for "2nd World Congress on Smart Computing (WCSC-2025)", technically sponsored by Soft Computing Research Society organized by School of Engineering, Babu Banarasi Das University, Lucknow during 22-23 Feb, 2025. Reviewed research papers.
- Program Committee Member and Reviewer of research papers for "5th International Conference on Computer Vision and Robotics (CVR-2025)", organized by National Institute of Technogy, Goa during 25-26 April, 2025.
- Technical Program Committee Member and Reviewer for "International Conference on Emerging Applications of Artificial Intelligence, Machine Leaning and Cybersecurity (ICAMC-2025)", organized by HMR Institute of Technology and Management, New Delhi, India during 01-02 May 2025, reviewed research papers.
- Technical Program Committee Member and Reviewer for "2nd International Conference on Recent Advancements in Artificial Intelligence and Inclusive Technologies (ICRAIC2IT-2025)", organized by Department of Computer Science and Engg, NRI Institute of Technology, Vijayawada, India during 02-03 May 2025, reviewed research papers.
- Program Committee Member and Reviewer for "International Conference on AI and Robotics (AIR) 2025", organized by Nazarbayev University during 09-11 May 2025. Reviewed research papers.
- Technical Program Committee Member and Reviewer for "6th World Conference on Artificial Intelligence: Advances and Applications (WCAIAA-2025)", organized by Sardar Patel University, Mandi, India during 17-18 May 2025, reviewed research papers.

- Reviewer for "3rd International Conference on Networks and Cryptology (NETCRYPT- 2025)", sponsored by IEEE (Delhi) Section , (IEEE Conference Record No: 65877)organized by School of Computer and System Sciences, Jawaharlal Nehru University, New Delhi during 29-31 May 2025. Reviewed research papers.
- Program Committee Member and Reviewer of research papers for "5th International Conference on Intelligent Vision and Computing (ICIVC-2205)", organized by The ICFAI University during 13-14 June, 2025.
- Program Committee Member and Reviewer of research papers for "3rd International Conference on Artificial Intelligence Theory and Applications (AITA-2025)", organized by IBD, Bangalore, Off Campus Center of IFHE University during 01-02 Aug, 2025.
- Program Committee Member and Reviewer of research papers for "9th International Joint Conference on Advaces in Computational Intelligence (IJCACI-2025)", organized by Washington University of Science and Technology (WUST), Alexandria, US and RV Institute of Management, Banglore, India during 23-24 Aug, 2025.
- Program Committee Member and Reviewer of research papers for "6th Congress on Intelligent Systems (CIS 2025)", organized by The Institution of Electronics and Telecommunication Engineers (IETE), Delhi, India during Sept 06-07, 2025, reviewed research papers.
- Program Committee Member and Reviewer for "4th International Conference on Advances in Data-Driven Computing and Intelligent Systems (ADCIS-2025), organized by Christ University technically sponsored by Soft Computing Research Society, Dept of AI &ML – Christ University, IEEE Computer Society of Christ University, Bengaluru organized during Sept 15-16, 2025, reviewed research papers.
- Program Committee Member and Reviewer of research papers for "7th International Conference on Communication and Intelligent Systems (ICCIS-2205)", organized BITS, Pilani, K K Birla Goa Campus, India during Sept 26-27, 2025, reviewed research papers.
- Program Committee Member and Reviewer of research papers for "Congress on Intelligent Machines and Algorithms (CIMA-2025)", organized by National Institute of Technology, Puducherry, India during 13-14 Oct, 2025.
- Program Committee Member and Reviewer of research papers for "2nd International Conference on Sustainable Computing and Intelligent Systems (SCIS-2025)", organized by University of Canberra, Australia during 07-08 Nov, 2025.
- Program Committee Member and Reviewer of research papers for "7th International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering and Technology (ICSISCET-2205)", organized by Madhav Institute of Technology & Science, Gwalior, MP, India during 01-02 Nov, 2025.
- Program Committee Member and Reviewer of research papers for "2nd International Conference on Information Technology and Intelligence (ITI-2025)", organized by National Institute of Technology, Agartala, India during 21-22 Nov, 2025.

CHAPTER EDITING / REVIEWING

- Edited a chapter titled Robust Statistics: Methods and Applications in a book titled Big Data for Industry 4.0 / Education 4.0 authored by Prof P. Kaliraj, Hon'ble VC and Prof. T. Devi, Bharathiar University, Coimbatore, Tamilnadu in Feb.2021.
- Reviewed a chapter titled Instructional Technology Partner in Learning in the book titled Technology Partner in Learning published by BP International on 12th Dec, 2024.
- Reviewed a chapter titled "Effect of Computer Animations on Senior High School Students' Academic Achievements in Rate of Reaction" in a book titled Instructional Technology Partner in learning of BP International Publishing on 4th Feb, 2025.
- Reviewed a chapter titled The Application and Challenges of AIGC in Enterprise Decision Making authored by Hui-Jia Zhang of PLOS ONE Journal (journals.plor.org), #C2354500, based in California, US on 13th March, 2025.
- Reviewed a chapter titled Connotation, Dilemma and Path of Artificial Intelligence Enabling High Quality Development of China's Higher Education in the book titled Crisis, AI and the Future of Higher Education published by BP International on 24th June, 2025.
- Reviewed a chapter titled Optimizing Hyperparameters of YOLOv10 for Arson Detection Using Advanced Optimization Algorithms authored by Ali Abbas Abbod of PLOS ONE Journal (journals.plor.org), PONE-D-25-07942, based in California, US on 23rd June, 2025.

REVIEWER OF RESEARCH PAPERS IN JOURNALS

- Reviewed papers received from Chief Editor, **Indian Journal of Open Learning (IJOL),** STRIDE, IGNOU from time to time and sent comments / suggestions / improvements from February 2016 onwards.
- Reviewed research paper received from Chief Editor, Africa Education Review, ScholarOne Manuscripts, Routledge, **Taylor & Francis Group, Thomson Reuters** entitled, "Using the ePortfolio by adults in the Tunisian continuous education context" in the month of June, 2016 and reviewed after incorporating comments in the month of Aug,2016.
- Reviewed research paper received from Chief Editor DESIDOC Journal Of Library and Information Technology (DRDO Journal) entitled, "**Building Immersive Library Environment to Access Virtual Reality Content,"** for **DESIDOC Journal of Library & Information Technology**" in the month of Jan, 2022.
- Reviewed research paper received from Chief Editor, Annals of Library and Information Studies (ALIS) of CSIR, NISCAIR entitled, "**What Experts Sense: Immersive Library Services is Futile or will bring Infinite Opportunities?"** in the month of Feb, 2022.
- Reviewed 3 research papers received through Microsoft Conference Management Toolkit (CMT3) for the 2022 **IEEE World Conference on Applied Intelligence and Computing (AIC 2022**) entitled, (1) Automatic Brain Tumor Detection: A Review (2) Rule based "sandhi" Splitting & joining Methods for Gujarati; an Indian Language (3) The issue of determining student merit at private engineering colleges under MAKAUT was analyzed using machine learning and data science in the month of April, 2022.
- Reviewed 2 papers received from Chief Editor, **Indian Journal of Open Learning (IJOL),** STRIDE, IGNOU entitled **"Digital Lesson Plan as a composite tool in Online teaching of Dance skills", "Online Learning in Technical Education – The Need of the Hour and its effectiveness**" in the month of June, 2022.

- Reviewed 2 research papers received from Editor, International Journal of Artificial Intelligence and Soft Computing (IJAISC) of Inderscience Publishers entitled, "**Effective GA Approach for Municipal Solid Waste Collection: Dynamic Capacitated Vehicles Routing in Smart Cities"** and " Smart Fruit Basket – Towards Multi-view Fruit Recognition" in the month of June, 2022.

- Reviewed a research paper received from Editor, **International Journal of Artificial Intelligence and Soft Computing (IJAISC) of Inderscience Publishers** entitled, "**Computational Intelligence Approaches for Predictive Modeling in Clinical Dataset Issues & Challenges: A Review**" in the month of Aug, 2023.

- Reviewed research paper received from Chief Editor DESIDOC Journal Of Library and Information Technology (DRDO Journal) entitled, "**ICT Enabled Information Services Using Web 2.0 in Public Libraries of Tamil Nadu," for DESIDOC Journal of Library & Information Technology,"** for **DESIDOC Journal of Library & Information Technology**" in the month of Feb, 2024.

- Reviewed a research paper received from Editor, **International Journal of Computer Engineering in Research Trends (IJCERT)** entitled, "**Enhancing Hard Disk Testing Result Prediction: A Comparative Study Using AntMiner+ and C5 Models** " in the month of Feb, 2024.

- Reviewed a research paper received from Editor, titled, "**Use of New Technologies in Primary Education**" in the month of March, 2025 for Asian Journal of Education and Social Studies, United Kingdom.

- Reviewed a research paper received from Editor, titled, "**Correlation Analysis: ICT Tools Integration in Teaching, Learning and Perceived Student Performance Among College Students in the Municipality of Bansalan**" in the month of April, 2025 for Asian Journal of Education and Social Studies, United Kingdom.

- Reviewed a research paper received from Editor, titled, "**Prediction of China's Silicon Wafer Price: A GA-PSO-BP Model**" in the month of April, 2025 from PLOS ONE, California, US.

- Reviewed a research paper received from Editor, titled, "**Optimizing Hyperparameters of YOLOv10 for Arson Detection Using Advanced Optimization Algorithms**" in the month of June, 2025 from PLOS ONE, California, US.

- Reviewed a research paper received from Editor, titled, "**Teachers' Digital Literacy and the Adoption of Artificial Intelligence in Social Studies Assessment: A Study of Upper Basic Schools in Edo State**" in the month of July, 2025 for Asian Journal of Education and Social Studies, United Kingdom.

- As a Editorial Board Member, reviewed a research paper received from Editor, titled, "**Comparative Analysis of Machine Learning and Deep Learning Models for Crop Yield Prediction**" in the month of Sept, 2025 from Science Publishing Group, New York, USA.

AS A JUDGE IN THE PANEL

- Nominated as judge for the event WEB DESIGNING at Amrita Vidhyalayam, Pushpavihar, Saket, New Delhi organized by Amrita Kala Sangam 2016 on 24th August, 2016 from 8-30am onwards.

SESSION CHAIR

- As a Session Chair for the parallel technical session(online) – TS-28 : Intelligent Systems on 19th June, 2022 from 10am to 11-30am in 2022 IEEE World Conference on Applied Intelligence and Computing (AIC 2022) (17-19 June, 2022) organized by Rajkiya Engineering College and Soft Computing Research Society.
- As a Session Chair for the Session – IV (Emerging Frontiers of Research) of EQUINOX-2022, the Annual Conference organized by Centre for Research, Maitreyi College, University of Delhi on 12th Aug, 2022 at 2-00pm.
- As a Session Chair for a session on 30th May, 2025 from 2-00pm to 4.30pm in the IEEE sponsored 3rd International Conference on Network and Cryptology (NETCRYPT-2025)(29-31 May, 2025) at JNU, New Delhi.

PANELIST

- Delivered an Invited talk in the panel discussion as one of the panelist on the topic "Importance and limitations of Online Education for Students and Faculty in the Digital Era from 2pm to 3pm on 16th Sept, 2019 organised by Parul University, Vadodara.

- Addressed a session in the panel discussion as one of the panelist on the topic "Innovation and Sustainable Development in the Context of G20" from 11am to 1pm on 21st Aug, 2023 organised by NCIDE, IGNOU, New Delhi.

- As a Panelist addressed a session on "Technology Mediated Youth Participation and Civic Engagement" from 11-30am onwards at Dr.Baba Saheb Ambedkar Convention Centre, IGNOU in the 2-Day training programme on "Participation and Civic Engagement in Governance for Viksit Bharat@2047" in collaboration with Rajiv Gandhi National Institute of Youth Development (RGNIYD), Sriperumbudur, Tamil Nadu organized by School of Social Work, IGNOU, New Delhi during 29 Feb – 1st Mar 2024.

- As a Panelist addressed a session on "Frameworks and Resolutions for Ethical AI Research" from 2-30pm onwards at Conference Room, COE, IGNOU in the TERI-IGNOU-UNESCO Hybrid Event on Ethics in AI : Framework for Academic and Research Institutions in India organized by School of Social Sciences, IGNOU, New Delhi on 23rd Jan, 2024.

EXPERT COMMITTEE'S

- Participated in the Expert Committee Meeting for the design of syllabus for a PhD Compulsory Course "Design and Analysis of Algorithms" held on 22nd February, 2013 at 11:00am in the conference room of SOCIS.
- Participated in an Expert Committee meeting for the design of syllabus for a PhD Compulsory Course "Topics in Mathematics" held on 8th March, 2013 at 11:00am in the Conference Room of SOCIS.
- Participated in an Expert Committee meeting for the design of syllabus for a PhD Compulsory Course "Research Methodology" held on 12th March, 2013 at 2:30pm in the Conference Room of SOCIS.

- Participated in an Expert Committee meeting for the design of syllabus for a PhD Compulsory Course "Computer Networks" held on 19th March, 2013 at 11:30am in the Conference Room of SOCIS.
- Participated in an Expert Committee meeting for the design of syllabus for a PhD Compulsory Course "Operating Systems" held on 20th March, 2013 at 11:00am in the Conference Room of SOCIS.
- Participated in an Expert Committee Meeting for the design of PhD Courses (i) Security & Cryptography and (ii) Emerging Trends in Computer Networks held on 7th November, 2013 at 11:30 AM. in the Conference Room of SOCIS.
- Participated in an Expert Committee Meeting for the design of PhD Courses (i) Software Engineering (ii) Requirement and Estimation Techniques (iii) Software Testing held on 26th November, 2013 at 11:30 AM. in the Conference Room of SOCIS.
- Participated in an Expert Committee Meeting for the design of PhD Courses (i) Evolutionary Algorithms (ii) Internet and Web Technologies held on 30th November, 2013 at 11:30 AM. in the Conference Room of SOCIS.
- Participated in an Expert Committee Meeting for the design of PhD Course on Object Oriented Technologies 5th December, 2013 at 11:00 AM. in the Conference Room of SOCIS.
- Participated in an Expert Committee Meeting for the design of PhD Course on Elearning on 6th December, 2013 at 11:00 AM. in the Conference Room of SOCIS.
- Participated in an Expert Committee Meeting for the design of PhD Course on Cellular and Mobile Communications on 6th December, 2013 at 11:00 AM. in the Conference Room of SOCIS.
- Participated in an Exploratory Expert Committee Meeting for a Diploma programme to be launched by SOCIS on 16th December, 2014 at 11:00 AM. in the Conference Room of SOCIS.
- Participated in an Expert Committee Meeting for the planning practical training for 2-years MA (Journalism and Media Communication) organized by SOJNMS on 10th April, 2015 at 11:00 AM. in the Media Lab of SOJNMS, IGNOU.
- Participated as an Expert in the meeting for revising Post Graduate Diploma in Educational Technology (PGDET) programme offered by SOE of IGNOU on 7th April, 2017 in the committee room, SOE, IGNOU.
- Participated as an Expert in the follow-up meeting for revising Post Graduate Diploma in Educational Technology (PGDET) programme offered by SOE of IGNOU on 22nd and 23rd Aug, 2017 in the committee room, SOE, IGNOU.
- Participated as an Expert in the Expert Committee meeting for revising Post Graduate Diploma in Library Automation and Networking (PGDLAN) programme offered by Faculty of Library and Information Science, SOSS of IGNOU on 15 – 16 February 2018 in the conference room, SOSS, IGNOU.
- Participated in the 2nd Meeting of SWAYAM Board organized under the Chairmanship of Secretary (HE), MHRD in the conference room no:112, C-Wing, Shastri Bhawan, New Delhi on 12th March, 2018 at 3PM.
- Participated in the meeting for revision of MCSL-016 Internet Concepts and Web Design Course of MCA programme offered by SOCIS, IGNOU on 15th Oct, 2018 in the conference room, SOCIS, IGNOU.
- Organised Expert Committee Meeting for revision of MCA programme held on April 29, 2019.
- Organised Course Expert Committee Meeting for MCA First Semester Courses was held on 8th Nov, 2019.

- Organised Course Expert Committee Meeting for MCA Second Semester Courses was held on 15th Nov, 2019.
- Organised Course Expert Committee Meeting for MCA Third Semester Courses was held on 17th Jan, 2020.
- Organised Course Expert Committee Meeting for MCA Fourth Semester Courses to be held on 29th Jan, 2020.
- Organised Course Expert Committee Meeting for MCA Fifth and Sixth Semester Courses to be held on 31st Jan, 2020.
- Participated in Programme Expert Committee Meeting of MSc (Information Security) organized by SOVET on 11th June, 2021 at 3-00PM. through video conferencing mode.
- Participated in Programme Expert Committee Meeting of B.Sc(Applied Science) organized by SOET on 25th July, 2022 at 3-00PM. through video conferencing mode.
- Participated as Subject Expert for the inspection for NOC from State Government to start emerging courses in B.Tech(CSE-AI&ML) at GRD Institute of Management & Technology, Dehradun on 25th March, 2023.
- Participated in the Exploratory Expert Committee Meeting of M.Sc (Data Science an Analytics) organized by SOCIS on 27th April, 2023 at11-00AM in the conference room of SOCIS, IGNOU, New Delhi.
- Participated in Expert Committee Meeting for finalizing the syllabus of courses on Computer Programming in B.Sc(Applied Science-Energy) organized by SOET 8th May, 2023 at 10am.
- Participated in two Expert Committee Meetings of M.Sc (Artificial Intelligence and Machine Learning) organized by SOCIS on 10th Sept, 2024 at 2PM and 23rd Sept, 2024(Online).
- Participated as an (online) Expert in the Expert Committee / Course Design Committee (CDC) meeting to finalize the curriculum for M.Sc (Comptuer Science) programme of DrBRAOU, Hyderabad on 13th May, 2025 at 9.30am.
- Participated as an (online) Expert in the Expert Committee / Course Design Committee (CDC) meeting to finalize the programme design and curriculum for M.Sc (Data Science), MCA, BCA and B.Sc(Data Science) programme of DrBRAOU, Hyderabad on 16-17 August 2025 from 10:30am onwards.
- Visited NCERT, New Delhi labs on HCL-AR/VR, Experienced Learning Labs and Studios on 9th Oct, 2025 at 3.00pm along with Mr. Mithun Datta Senapathi.
- Visited officially Director General, National Informatics Centre (NIC), New Delhi along with the delegation Prof. Nayantara, SOMS and Dr. V.B. Negi on 15th Oct, 2025 at 3.30pm to put forward the possible collaboration with NIC-MeitY in developing the software for automation (SED, SSC, SED and MPDD).
- Participated in an online meeting of Board of Studies organized by NRI Institute of Technology, Vijayawada, Andhra Pradesh on 16th Oct, 2025 from 2.30pm onwards.
- Participated as an (online) Expert in the Course Writers / Editors meeting for M.Sc (Computer Science) programme of DrBRAOU, Hyderabad on 29th Nov, 2025 from 11am onwards.

SCHOOL BOARD MEMBER

- **Member, School Board of School of Computer and Information Sciences (SOCIS).**
- **Member, School Board of School of Engineering and Technology (SOET)**, IGNOU from 26-07-06 to 25-07-08.

- **Member, School Board of School of Foreign Languages (SOFL),** IGNOU from 26-09-2010 to 25-12-2011.
- **Member, School Board of School of Social Sciences (SOSS),** IGNOU from 03-02-2010 to 02-02-2012.
- **Member, School Board of School of Management Studies (SOMS),** IGNOU from 04-11-2015 to 03-11-2017.
- **Member, School Board of School of Translation Studies and Training (SOTST),** IGNOU from 25-11-2015 to 24-11-2017.
- **Member, School Board of School of Foreign Language (SOFL),** IGNOU from 07-02-2018 to 06-02-2020.
- **Member, School Board of School of Computer and Information Sciences (SOCIS)**, IGNOU from 09-03-17 to 08-03-2017.
- **Member, School Board of School of Performing and Visual Arts (SOPVA)**, IGNOU from 28-02-2025 to 27-02-2027(under Clause 2(d) of the Statue 10(A).

Signature of Teacher