

1. Details of the Teacher

Name	Mr. Akshay Kumar
Date of Birth	09-02-1966
Date of Joining in IGNOU	5th December, 1988
Current Designation	Associate Professor
Pay Scale as on date	Level-13A
Highest Educational Qualifications & Discipline:	PhD, Computer and Systems Sciences, From Jawaharlal Nehru University, New Delhi – 69. 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
Akshay Kumar	Best Poster Award	National Science Day 2018: “Science and Technology for Sustainable Future”, JNU, New Delhi	28 th Feb, 2018
Akshay Kumar	Award/assistance to attend Course of “Computer Aided Instruction”	Technical Corporation Programme, ODA (British Council) – IGNOU collaboration at University of Surrey	January 1993 to April 1993

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/b ook	Place of publication	Publisher	Year	Total Pages	ISBN No.
1	Akshay Kumar and Dr.Jyotsna Dikshit Book Edited by Prof. Suresh Garg et.al.	Chapter- 25 : 'Computer Hands-on and Lab practicals in Distance	Book Title: Four Decades of Distance Education in India Reflections on Policy and	Viva Books Private Ltd., New Delhi.	2006	328-341	ISBN-81-309-0260-5

		Education	Practice				
--	--	-----------	----------	--	--	--	--

4. Research Articles/Publications:

S No	Author/ Co-author (if any)	Title	Name of Journal	Vol.	Page no. (s)	Year	ISSN No
1	Akshay Kumar; T.V. Vijay Kumar	Big data and analytics: issues, challenges, and opportunities	<i>International Journal of Data Science (IJDS)</i>	Vol. 1, No. 2,	118-138	2015	ISSN online 2053-082X ISSN print 2053-0811
2	Akshay Kumar; T.V. Vijay Kumar	Dynamic Web-View Materialization	Advances in Communication and Computational Technology, Lecture Notes in Electrical Engineering	Vol. 668	605-616	2020	Print ISBN 9789811553400 eText ISBN 9789811553417
3	Akshay Kumar; T.V. Vijay Kumar	View Materialization over Big Data	International Journal of Data Analytics	Vol 2, Issue 1, Article 3	61-85	2021	ISSN: 2644-1705
4	Akshay Kumar; T.V. Vijay Kumar	A Multi-Objective Approach to Big Data View Materialization	International Journal of Knowledge and Systems Science (IJKSS)	Volume 12, Issue 2, Article 2	17-37	2021	ISSN: 1947-8208
5	Akshay Kumar; T.V. Vijay Kumar	Multi-Objective Big-Data View Materialization	Information Resources Management Journal,	Vol 34, Issue 2,	1-28	2021	ISSN: 1040-1628

		using NSGA-II		Article 1			
6	Akshay Kumar; T.V. Vijay Kumar	Selection of Candidate Views for Big Data View Materialization	Applications of Artificial Intelligence and Machine Learning, Select Proceedings of ICAAAIML 2020, Lecture Notes Electrical Engineering,	Vol 778,	113-126	2021	ISBN: 978-981-16-3067-5
7	Akshay Kumar; T.V. Vijay Kumar	Multi-Objective Big Data View Materialization Using MOGA	International Journal of Applied Metaheuristic Computing	vol. 13, no.1	1-28	2022	ISSN: 1947-8283
8	Akshay Kumar; T.V. Vijay Kumar	Multi-Objective Big Data View Materialization using Improved Strength Pareto Evolutionary Algorithm	Journal of Information Technology Research	vol. 15, no.1:	1-23	2022	ISSN: 1938-7857
9	Akshay Kumar; T.V. Vijay Kumar	Multi-Objective Big Data View Materialization Using NSGA-III	<i>International Journal of Decision Support System Technology</i>	vol. 14, no.1	1-28	2022	ISSN: 1941-6296

In addition the following are the conference papers prior to 2000.

- "Multimedia: Need for an Educational Interface." (With Mr.Shashi Bhushan Sharma, Lecturer, and Prof.M.M.Pant, Director, School of Computer & Information Sciences, IGNOU) in 1995.
- "Learning Objectives of Programming Languages in an Open Learning Situation." (with Mr.Shashi Bhushan Sharma, Lecturer, and Prof.M.M.Pant, Director, School of Computer & Information Sciences, IGNOU) in 1993.

- "Teaching Information Technology in Distance Education" (with Mr. Shashi Bhushan Sharma, Lecturer, and Prof. M.M. Pant, Director, School of Computer & Information Sciences, IGNOU) in 1992.

5. Policy Documents Reports/ Mimeos:

SNo.	Title	Institution/ Agency	Year
1.	Design of MCA(2 Yr) and PGDCA Syllabus	SOCIS, IGNOU, New Delhi	July 2020
2	Design of BCA Syllabus for ODL programme of Jamia Hamdard University	Jamia Hamdard University, New Delhi	July 2019
3	Design of MCA Syllabus (Latest Revision)	SOCIS, New Delhi	April, 2019
4	Requirements for Research Lab of IGNOU	Research Unit, IGNOU	Sept 2018
5	Participated in Expert Committee for MA-JMC practical	SOJNMS, IGNOU	11 Oct, 2018
6	Member of Expert Committee Meeting for the Revision of PGDLAN Programme	Conference Room-2, SOSS, IGNOU	Feb, 2018
7	Member of Committee to frame a Policy for Revision of Course in the University	IGNOU, New Delhi	2015
8	Member of Committee to prepare guidelines for requirements of a model Multimedia Lab for various School of Studies, IGNOU	IGNOU, New Delhi	2014
9	Member of Task force for Revamping of Regional Services Division of the University.	IGNOU, New Delhi	2013
10	Member of committee to Develop Modalities for Offering e-learning Programmes at IGNOU	IGNOU, New Delhi	2013
11	Committee for taking over ODLSOFT from TCS.	IGNOU, New Delhi	2013
12	Member of Committee to review Programme on offer at SOL for finalizing vision document of SOL	IGNOU, New Delhi	2013
13	Preparing the Syllabus for framing and finalising the syllabus for written test for various posts of non-academic staff	IGNOU, New Delhi	2012
14	Member of faculty who designed the curriculum, rules and criteria for BCA revised programme	SOCIS, IGNOU, New Delhi	2011
15	Credit Transfer Policy from Old MCA to New MCA	SOCIS, IGNOU	2005
16	Member of faculty who designed the curriculum, rules and criteria for MCA revised programme	SOCIS, IGNOU, New Delhi	2004
17	Member of faculty who designed the detailed marking scheme for evaluation of MCA/BCA	SOCIS, IGNOU, New Delhi	2003

	projects	Delhi	
18	Member of group which designed the model for offer of courses in Virtual Campus of IGNOU	SOCIS, IGNOU, New Delhi	1998
19	Member of faculty, designed curriculum of ADIT programme	SOCIS, IGNOU, New Delhi	1998
20	Member of faculty designed the first Programme Guide for DCO/MCA/BCA/CIC first launch and Curriculum and rules for MCA/BCA/CIC	SOCIS, IGNOU, New Delhi	1994-1996

6. MOOCs/ESLMs/EModule developed :

S N o.	Author/ Co-author (if any)	Title	Credits	Level	Host portal	Year	Weblink
1	Coordinator: Akshaya Kumar	CIT002: Introduction to Information Technology	4	Certificate	SWAYAM	July 2020 and onwards	https://onlinecourses.swayam2.ac.in/nou22_cs02/preview
2.	Akshaya Kumar	Development of 8 Videos for CIT002			SWAYAM	July 2020	https://onlinecourses.swayam2.ac.in/nou22_cs02/preview
3	Akshaya Kumar	Facebook sessions through IGNOU			Facebook Page of IGNOU	2019-2020	<i>The List of Facebook Live Sessions on MCS012:</i> 1. The Basic Computer and Fixed Point Numbers https://www.facebook.com/Official..../videos/567832200754534/ 2. Floating Point Number representation and Error Detection Codes https://www.facebook.com/Official..

		facebook page for MCS012					./videos/179423369719644/ 3. Combinational Circuits https://www.facebook.com/Official.../videos/2639701279681674/ 4. Sequential Circuits https://www.facebook.com/Official.../videos/2997470290273216/ 5. Memory Organisation https://www.facebook.com/Official.../videos/2621991574793648/ 6. Cache Mapping and I/O Organisation https://www.facebook.com/Official.../videos/265746954469764/ 7. Assembly Language Programming for 8086 Microprocessor https://www.facebook.com/Official.../videos/3835800186493405/ 8. Discussion on 8086 Assembly Language Programs https://www.facebook.com/Official.../videos/3835800186493405/ 9. Discussion on MCS012 - Block 3: The Central Processing Unit https://www.facebook.com/Official.../videos/568476564051914/ 10. MCS012: Computer Organisation and Assembly Language Programming – An Overview https://www.facebook.com/Official.../videos/357526481886539/ 11. Reduced Instruction Set Computer (RISC) Architecture https://www.facebook.com/Official.../videos/265809814701761/ 12. Procedure calls in 8086 Assembly Language Programming https://www.facebook.com/Official.../videos/292194305388266/
--	--	--------------------------	--	--	--	--	--

7. Presentation/Invited talk/Chair in National or International Seminar/Conference/ Workshops (Please do not mention if it is only participation without presentation) (since 2009)

S N o	Author/ Co-author (if any)/presen ter	Title of Presentation/Ta lk/Lecture	Name of Organizing Institute	Conference/W orkshop	City	ISSN No	Date and Year
1	Dr Akshay Kumar	S10: Big Data	STRIDE, IGNOU	NEP 2020 - UGC Approved PDP on STP on Artificial Intelligence in ICT-Application in Education and Research (Virtual Mode) (16-23 November, 2022)			18 th Nov. 2022 11:45 – 13:15
2	Dr Akshay Kumar	S18: AI Opportunities and Challenges in India	STRIDE, IGNOU	NEP 2020 - UGC Approved PDP on STP on Artificial Intelligence in ICT-Application in Education and Research (Virtual Mode) (16-23 November, 2022)			22 nd Nov. 2022 11:45 – 13:15
3	Dr Akshay Kumar	S7: Research Concept Mapping	STRIDE, IGNOU	Short Term Programme on 'Research in Distance and Online Learning (Virtual mode), 14-21 July, 2022			15 July 22 14:15- 15:45 hrs
4	Dr Akshay Kumar and Other Presenters	S8: Research Concept Mapping (Activity 3)	STRIDE, IGNOU	Short Term Programme on 'Research in Distance and Online Learning (Virtual mode), 14-21 July, 2022			15 July 22 16:00- 17:30hr s
5	Dr Akshay Kumar	S13: Data Analysis: Quantitative Methods	STRIDE, IGNOU	Short Term Programme on 'Research in Distance and Online Learning (Virtual mode), 14-21 July, 2022			18 July 22 10:00- 11:30 hrs.
6	Akshay Kumar	Bi-variate Analysis Using SPSS	STRIDE, IGNOU	STRIDE WORKSHOP			25, Septemb er 2020, 13.45- 15:00 pm
7	Akshay Kumar	Data Validation and Univariate Analysis	STRIDE, IGNOU	STRIDE WORKSHOP			25, Septemb er 2020,

							11.45-12:45 pm
8	Akshay Kumar	Ethics and Netiquette for Video Conferencing	SOCIS, IGNOU	1-Day Training Training for IGNOU Administrators on USE of ICT Tools for Administration During COVID Students 27-28 May, 2020	Online		28 th May, 2020 10:45 to 11:15 hrs
9	Akshay Kumar	Security, Ethics and Netiquette	SOCIS, IGNOU	2-Day Training Programme on Use of ICT Tools for Teaching and Providing Online Support to Students 27-28 May, 2020	Online		28 th May, 2020 10:45 to 11:15 hrs
10	Akshay Kumar	Security, Ethics and Netiquette	SOCIS, IGNOU	2-Day Training Programme on Use of ICT Tools for Teaching and Providing Online Support to Students 21-22 May, 2020	Online		21 st May, 2020 10:45 to 11:15 hrs
11	Akshay Kumar	'Software for Quantitative and Qualitative Data Analysis (Excel & SPSS, etc)	STRIDE, IGNOU	Research, Monitoring and Evaluation in DE', March 12-21, 2020			March 19, 2020, 11.45-3.30 pm
12	Akshay Kumar	S17: Data Analysis Software - Excel, SPSS, etc.	STRIDE, IGNOU	ICT enabled Research During COVID Pandemic 17 August 2020 to 21 August 2020	Delhi		18.08.2020 13:45 – 15:00
13	Akshay Kumar and Mr M P Mishra	Data analysis of Facebook data, YouTube & Other Social Media Analysis	STRIDE, IGNOU	Refresher/Ten days Faculty Development Programme on Statistics and Research Methodology 25 th February to 06 th March, 2020	Delhi	-	06.3.2020 10:00-11:30 hrs
14	Akshay Kumar	Using Excel, SPSS for Data Analysis	STRIDE, IGNOU	Refresher/Ten days Faculty Development Programme on Statistics and Research	Delhi	-	28.2.2020 16:00-17:30 hrs

				Methodology 25 th February to 06 th March, 2020			
15	Akshay Kumar	Using Excel, SPSS for Data Analysis	STRIDE, IGNOU	Refresher/Ten days Faculty Development Programme on Statistics and Research Methodology 25 th February to 06 th March, 2020	Delhi	-	28.2.202 0 14:15- 15:45 hrs
16	Akshay Kumar	Using Excel, SPSS for Data Analysis	STRIDE, IGNOU	Refresher/Ten days Faculty Development Programme on Statistics and Research Methodology 25 th February to 06 th March, 2020	Delhi	-	28.2.202 0 11:45- 13:15 hrs
17	Akshay Kumar and Dr Maythili	Using Excel, SPSS for Data Analysis	STRIDE, IGNOU	Refresher/Ten days Faculty Development Programme on Statistics and Research Methodology 25 th February to 06 th March, 2020	Delhi	-	28.2.202 0 10:00- 11:30 hrs
18	Akshay Kumar and Other Panelists	Session 16: Contemplating OER Practices at IGNOU: Discussion on Action Plan	STRIDE, IGNOU	FDP on OER Dec 2- 6-2019	Delhi		5 Dec 2019 16:00 to 17:30
19	Akshay Kumar	Conducting Practical, Projects for IGNOU Programme	STRIDE	Workshop by STRIDE for staff development	IGNOU New Delhi		11 Dec, 2018 15:45 to 17:15
20	Akshay Kumar	Social Networking in Agriculture Extension	School of Agriculture, IGNOU Sponsored by Directorate of Extension, Ministry of Agriculture & Farmer's Welfare, GOI	Model Training Course on Development and Delivery of e- Learning Materials in Agriculture Extension	New Delhi Decemb er 03- 10, 2018		8 Dec 2018 9:30- 10:15

21	Akshay Kumar	Data Analysis through Software	Maitreyi College, University of Delhi	<u>National Faculty Development Programme on Research Problem Formulation and Analysis</u>	New Delhi		13-14, November, 2018 (Day2)
22	Akshay Kumar	Usage of E-Resources and Plagiarism	Maitreyi College, University of Delhi	<u>National Faculty Development Programme on Research Problem Formulation and Analysis</u>	New Delhi		13-14, November, 2018 (Day2)
23	Akshay Kumar	Social networking in agriculture extension	School of Agriculture, IGNOU Sponsored by Directorate of Extension, Ministry of Agriculture & Farmer's Welfare, GOI	Model Training Course on Development and Delivery of e-Learning Materials in Agriculture Extension October 03-10, 2017			9:30 to 10 a.m. 07 th October 2017
24	Akshay Kumar	Introduction to ODL	SOCIS IGNOU	<u>Workshop for Course Writers of Introduction to Mobile Architecture under IGNOU-COL agreement</u>	New Delhi		April 28 th , 2017
25	Akshay Kumar & M P Mishra	Session 2: Database Design including relationships and Integrity Constraints	Dr S Radhasrishna Block (Block 17)	Workshop on "Simple Application Design Using MS-Access"	IGNOU New Delhi		21-22 March, 2017 Day 1
26	Akshay Kumar V.V. Subrahmanyam	Group Work 2: Implementing Database Design Using MS-Access.	Dr S Radhasrishna Block (Block 17)	Workshop on "Simple Application Design Using MS-Access"	IGNOU New Delhi		21-22 March, 2017 Day 1

	PV Suresh						
	Naveen Kumar						
27	Akshay Kumar Sudhansh Sharma Naveen Kumar MP Mishra	Group Work 3: Creating Data Entry forms and transfer of data.	Dr S Radhasrishna Block (Block 17)	Workshop on “Simple Application Design Using MS-Access	IGNOU New Delhi		21-22 March, 2017 Day 1
28	Akshay Kumar PV Suresh	Session 3: Different types of Database Queries	Dr S Radhasrishna Block (Block 17)	Workshop on “Simple Application Design Using MS-Access	IGNOU New Delhi		21-22 March, 2017 Day 2
29	Akshay Kumar V.V. Subrahmanyam MP Mishra Sudhansh Sharma	Group Work 4: Writing Queries Using MS-Access	Dr S Radhasrishna Block (Block 17)	Workshop on “Simple Application Design Using MS-Access	IGNOU New Delhi		21-22 March, 2017 Day 2
30	Akshay Kumar V.V. Subrahmanyam PV Suresh Naveen Kumar	Group Work 5: Transfer o Data among Application	Dr S Radhasrishna Block (Block 17)	Workshop on “Simple Application Design Using MS-Access	IGNOU New Delhi		21-22 March, 2017 Day 2
31	Akshay Kumar Sudhansh Sharma PV Suresh MP Mishra	Group Work 6: Creating Reports using MS- Access	Dr S Radhasrishna Block (Block 17)	Workshop on “Simple Application Design Using MS-Access	IGNOU New Delhi		21-22 March, 2017 Day 2
32	Akshay Kumar	Workshop	Dr S Radhasrishna	Workshop on “Simple	IGNOU New		21-22 March,

	PV Suresh & Invited Guest MP Mishra	Summary	an Block (Block 17)	Application Design Using MS-Access	Delhi		2017 Day 2
33	Akshay Kumar & Murli A Rao	S 20.4: IT Infrastructure at IGNOU : Issues & Challenges	Dr. S. Radhakrishna n Block, IGNOU	Refresher Programme on ICT in ODL for the teachers and Academics of IGNOU	New Delhi		9 Aug, 2016
34	Akshay Kumar , P.V. Suresh, R.C. Sharma ,	S 19.3: IT Act	Dr. S. Radhakrishna n Block, IGNOU	Refresher Programme on ICT in ODL for the teachers and Academics of IGNOU	New Delhi		8 Aug, 2016
35	Akshay Kumar & V.V. Subrahmanya m	S 6.1: Database Concepts (Theory & Practicals)	Dr. S. Radhakrishna n Block, IGNOU	Refresher Programme on ICT in ODL for the teachers and Academics of IGNOU	New Delhi		23 July, 2016
36	Akshay Kumar	S 6.3: Database Concepts (Theory & Practicals)	Dr. S. Radhakrishna n Block, IGNOU	Refresher Programme on ICT in ODL for the teachers and Academics of IGNOU	New Delhi		23 July, 2016
37	Akshay Kumar & MP Mishra	S 6.4: Database Concepts (Theory & Practicals)	Dr. S. Radhakrishna n Block, IGNOU	Refresher Programme on ICT in ODL for the teachers and Academics of IGNOU	New Delhi		23 July, 2016
38	Akshay Kumar & Anshu Miglani	S 4.1: Data Representation and Graphics using MS-Excel	Dr. S. Radhakrishna n Block, IGNOU	Refresher Programme on ICT in ODL for the teachers and Academics of IGNOU	New Delhi		21 July, 2016

39	Akshay Kumar & Anshu Miglani	S 4.2: Data Representation and Graphics using MS-Excel	Dr. S. Radhakrishnan Block, IGNOU	Refresher Programme on ICT in ODL for the teachers and Academics of IGNOU	New Delhi		21 July, 2016
40	Akshay Kumar	ICT in Higher Education	Lajpat Rai College	Workshop on The Role of IQAC & ICT in Higher Education	Shaibabad (Ghaziabad) U.P.		28 March 2016
41	Akshay Kumar , Saraswat, Sudip Jha, Tata Ramakrishna	Developing Practical-based Materials: Issues and Challenges	Dr. S. Radhakrishnan Block, IGNOU	Workshop on “Development of Self-Learning Materials (SLMs) for Distance and Online Learning	IGNOU New Delhi		17 March 2016
42	Akshay Kumar	“Overview of Hadoop & MapReduce”	IMS College IP University	Workshop on “Cloud Computing & Big Data Analysis”			26 Feb, 2016
43	Akshay Kumar	Data base design	IGNOU Regional Center Noida	Workshop for BCA&MCA 4 th /5 th Semester Learners	Noida		18 April, 2015
44	Akshay Kumar & Sudhansh Sharma	Database Design	IGNOU Regional Center Delhi-1	Workshop on “How to Prepare the synopsis and Project Report”	New Delhi		11 April 2015
45	Akshay Kumar	Use of Technology in Course Development: Some experiments	STRIDE February 23-27, 2015 (05 days)	Workshop on Self-Learning Materials Development: Alternative Models of Course Development in Changing Scenario of Open and Distance Learning	IGNOU, New Delhi		27/02/2015 (Friday)

46	Akshay Kumar , Saraswat, Sudeep Jha, Tata Ramakrishna	Developing Practical-based Materials: Issues and Challenges	Dr. S. Radhakrishn an Block, IGNOU	Workshop on “Development of Self- Learning Materials (SLMs) for Distance and Online Learning	IGNOU New Dehi		21 Jan,2015
47	Akshay Kumar & S.R. Jha	Assessment in Practical Based Disciplines	Dr. S. Radhakrishn an Block, IGNOU	Workshop on Student Evaluation in Open Distance Learning	IGNOU New Delhi		15 Oct, 2014
48	Akshay Kumar , Saraswat , Sudeep Jha, Tata Ramakrishna	Developing Practical-based Materials: Issues and Challenges	Dr. S. Radhakrishn an Block, IGNOU	Workshop on “Development of Self- Learning Materials (SLMs) for Distance and Online Learning	IGNOU New Dehi		6 March 2014
49	Akshay Kumar	Interpretation and Visualisation	SOCIS	Workshop for January 2013 PhD Students of SOCIS	IGNOU New Delhi		4 May, 2013
50	Akshay Kumar & T V Vijay Kumar	Problem Definition and Analysis	SOCIS	Workshop for January 2013 PhD Students of SOCIS	IGNOU New Delhi		2 May, 2013
51	Akshay Kumar	Data Analysis Tools	SOCIS	Workshop for January 2013 PhD Students of SOCIS	IGNOU New Delhi		2 May, 2013
52	Akshay Kumar & Narayan Prasad	Introduction to Research Methodologies	SOCIS	Workshop for January 2013 PhD Students of SOCIS	IGNOU New Delhi		29 April 2013
53	Akshay Kumar , B.S.	Developing Practical-based Materials:	Convention Center , IGNOU	Workshop on “Development of Self-	IGNOU New Dehi		20 March,

	Saraswat, Bimla Kapoor , Sudeep R. Jha	Issues and Challenges		Learning Materials (SLMs) for Distance and Online Learning			2013
54	Akshay Kumar , B.S. Saraswat, Bimla Kapoor, Sudeep R. Jha	Developing Practical-based Materials: Issues and Challenges	Convention Center, Room No. 5 IGNOU	Workshop on “Development of Self-Learning Materials (SLMs) for Distance and Online Learning	IGNOU New Delhi		20 March, 2013
55	Akshay Kumar	Data Stream Management , Data Warehouse and Data Integration	IT Department	Information and Knowledge Engineering by Using Artificial Neural Network (ANN) & MATLAB	IMS Noida		18 Aug, 2012
56	Akshay Kumar With SOCIS Faculty	Session 3: Converting Conceptual Design to Logical Design	IUC Lab or Convention Center (Committee room)	Workshop on “The Database Design- A Practical Approach”	IGNOU New Delhi		30 March 2012
57	Akshay Kumar With SOCIS Faculty	Session 4: Group Work on Logical and Physical Design	IUC Lab or Convention Center (Committee room)	Workshop on “The Database Design- A Practical Approach”	IGNOU New Delhi		30 March 2012
58	Akshay Kumar With SOCIS Faculty	Session 5: Presentation of Group Work	IUC Lab or Convention Center (Committee room)	Workshop on “The Database Design- A Practical Approach”	IGNOU New Delhi		30 March 2012
59	Akshay Kumar	Recent Trends in Mobile and Web Technology	Maharaja Surajmal Institute	Recent Trends in Mobile and Web Technology	New Delhi		16 March, 2012

60	Akshay Kumar	Project-An Overview, Analysis and Design, Coding and testing	Krishna Kanta Handiqui State Open University	Workshop on Conseling the Counselors of BCA	Guwahati		22 Dec, 2010
61	Akshay Kumar	Projects and Hands-on Practicals/ labs/field/ training	STRIDE	Induction Programme on “Distance education Theory and Practice” for Newly Recruited Teachers and Academics	IGNOU New Delhi		28 Oct, 2010

- Participated as resource person for various workshops at NCERT during 2015 to 2019
- Participated in workshops at CEC, UGC 2005

Resource Person to Counsellor Orientation Programmes of SOCIS

Orientation programmes for Counsellors of Computer Programmes	A number of programmes (about 15) have been conducted since 1998	Various Regional Centres	Every Programme had on an average 20-30 Counsellors. Highest in the category was about 100 students at an orientation programme conducted at RC Noida.
---	--	--------------------------	---

Coordinator for Refresher Programmes / Workshops

- Joint coordination with Ms Mythali of “Refresher Programme on ICT in ODL for the teachers and Academics of IGNOU” July 18 to August 10, 2016 (21 days)
- Joint coordination with Mr M P Mishra of the workshop on “Simple Application Design Using MS-Access” at IGNOU, 21-22 March, 2017.
- Coordinated Workshop on “The Database Design- A Practical Approach” IGNOU New Delhi held on 30 March 2012

ATTENDED following Refresher Programmes / Workshops as a participant (since 2009):

S. No.	Name of the Workshop	Organized by	Address	Date/Period
1	FDP on Machine Intelligence and Information Retrieval	KU, AICTE approved	Online	4 th Nov to 8 th Nov 2020
2	Participated in Plagiarism and Research Concerns	STRIDE	IGNOU New Delhi	28 th March, 2019
3	Participated in National Science Day	Convention	New Delhi	28 th Feb, 2018

	2018, Poster Presentation	Center , JNU		
4	2 nd International Workshop on Big Data Analysis	School of Computer and Systems Sciences	JNU New Delhi	17-18 th March, 2017
5	International Workshop on Big Data Analysis	School of Computer and Systems Sciences	JNU New Delhi	30 th March, 2016
6	Workshop on Learner Assessment in Open and Distance Learning	STRIDE	IGNOU New Delhi	14-16 th Oct, 2015
7	Brainstorming Workshop on Restructuring of Nurturance Programmes for NTS Awardees	Educational Survey Division (NCERT)	New Delhi	3-4 th Sep, 2015
8	Participated in Workshop on Self-Learning Materials Development: Alternative Models of Course Development in Changing Scenario of Open and Distance Learning	STRIDE	IGNOU New Delhi	23- 27 th Feb, 2015
9	Workshop on Self Learning Materials Development – Alternative Models of Course Development for Open and Distance Learning	STRIDE	IGNOU New Delhi	16-20 th Feb, 2015
10	International Research Workshop on Cloud Computing (RWCC-2014)	School of Computer and Systems Sciences	JNU New Delhi	26-27 th Sep, 2014
11	Transforming Education Digital Learning Workshop	IBM Research Lab	New Delhi	27-28 th Feb, 2014
12	ACM India Annual Event	IIT Delhi	New Delhi	14-16 th Feb, 2014
13	5 th IBM Collaborative Academia Research Exchange	IBM Research Lab	New Delhi	19 th Oct, 2013
14	5 th IBM Collaborative Academia Research Exchange	IBM Research Lab	New Delhi	19 th Oct, 2013
15	Participating in Computing Quiz	ACM Delhi-NCR Chapter	New Delhi	6 th April, 2013
16	Participated in the International Author Workshop	Springer and Edanz along with IGNOU	New Delhi	25 th Jan, 2013
17	Participated in the Two Days Workshop on “ Matlab as a Research Tool”	SOCIS	IGNOU New Delhi	4-5 th Dec, 2012
18	Participated in the Faculty Development Programme on “Research Methodology”	SOMS	IGNOU New Delhi	12-14 th Sep, 2012
19	Participated in the Faculty Development Programme on “Research Methodology”	SOMS	IGNOU New Delhi	11 th Sep, 2012
20	Participated in the Training Workshop on Easy now Open Source	NCIDE	IGNOU New Delhi	5-9 th July 2010

	ICT Tools			
21	Training of Trainers Workshop on Distance Education	STRIDE	IGNOU New Delhi	9-13 th Feb, 2010
22	Workshop on Assessment in Open and Distance Learning	STRIDE	IGNOU New Delhi	5-7 th Oct, 2009
22	Participated in eINDIA 2009 Conference and Exhibition	International Convention Center	Hyderabad	25-27 th Aug, 2009

8. Consultancy assignment (if any):

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

9. 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
-	-	-	-	-

The projects involved but complete details available with other schools:

- Member in the Food Safety Project of Ministry of Health Education for the website development.
- Helped in NISSAT, DST projects development of training program for WINISIS
- Worked as Resource Person in UNESCO - course development on ICT for primary teacher
- Was Programme coordinator of ADIT programme.

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

SNo.	Name and enrolment no:	Year of registration	Year of completion/ award

11. Details of Programmes/ Courses coordinated/ written/ edited/ translated:

Programmes Coordinated

- **Programme Coordinator for PhD Computer Science (PHDCS)**
 (From August 1st, 2022 till date)
- **Programme Coordinator for Master of Computer Applications (MCA_NEW)**
 (From August 1st, 2020 to August 31st, 2022)

- **Programme Coordinator for Master of Computer Applications (MCAOL)**
(From January, 2022 to August 31st, 2022)
- **Programme Coordinator for Master of Computer Applications (MCA)**
(From August 1st, 2020 to August 31st, 2022)
(From August 1st, 2018 to July 31st, 2019)
(From July 19th, 2016 to July 18th, 2017)
(From July 1st, 2012 to June 30th, 2013)
(During MCA Programme Revision with Dr V V Subrahmanyam 2004 to April 2006)
- **Programme Coordinator for Certificate in Technology (CIT)**
(From July 1st 2014 to June 30 2015)
- **Programme Coordinator for Advanced Diploma in Information Technology (ADIT)**
(From 1999 to April 2006)

Courses Coordinator of the following courses (till Aug 31st, 2022):**MCA_NEW and MCAOL Programme:**

- Project of MCA_NEW (MCSP-232) of 12 credits (Coordinator of this course as programme coordinator of MCA).
- MCS215: Security and Cyber Laws (with SOL)
- MCSL223: Computer Networks and Data Mining Lab
- MCS226: Data Science and Big Data
- MCSL229: Cloud and Data Science Lab

MCA Programme

- Project of MCA (MCSP-060) of one semester course (Coordinator of this course as programme coordinator of MCA)
- Mini Project (MCS-044)
- Computer Organisation and Assembly Language Programming (MCS-012 (common to BCA))
- Internet Concepts and Web Design (MCSL-016 (common with BCA))

BCA (Revised Syllabus):

- Computer Basics and PC Software (BCS-11)
- Computer Organisation and Assembly Language Programming (MCS-012 (common with MCA))
- Assembly Language Programming Lab (BCSL-022)
- Internet Concepts and Web Design (MCSL-016 (common with MCA))
- Statistical Techniques Lab (BCSL044)
- Web Programming (BCS-053)
- Computer Oriented Numerical Techniques (BCS-054)
- Web Programming Lab (BCSL057)

PGDCA_NEW Programme

- MCS202: Computer Organisation
- MCS207: Database Management System

BCA (Old Syllabus)

- Introduction to Computer Organisation (CS-64)
- RDBMS Lab (CS-67)
- C++ and Object Oriented Programming (CS-72)

CIT

- Introduction to Information Technology (CIT-002)

CMAD

- Introduction to Databases (BCS-092)

Programmes of SOCIS which are not on offer or has been revised:

- ADIT and BIT programme: Course coordinator for CSI-01, CSI-20, CSI-12, CSI-21, CST-101, CST-203, CST-302.
- Pre-revised MCA: CS01, CS03, CS-12 (partly), CS-15
- Pre-revised and old BCA: CS-64, CS-67, CS-72 and partly (before new faculty joined) CS-611, CS-612, CS-66

Course Writing / Editing

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	Pag es	ISBN No.
1	Written BY: <u>Akshay Kumar</u>	Section 2: Introduction to Data Science	MCA_NEW: MCS229	Indira Gandhi National Open University	2022	15	ISBN:978-93-5568-443-1
2	Written BY: <u>Akshay Kumar</u>	Unit 1: Introduction to Data Science	MCA_NEW: MCS226	Indira Gandhi National Open University	2022	19	Uploaded on eGyankos h at https://egyanakosh.aic.in/handle/123456789/87555 5. Yet to be printed
3	Written BY: <u>Akshay Kumar</u>	Unit 2: Probability and Statistics for Data Science	MCA_NEW: MCS226	Indira Gandhi National Open University	2022	25	Uploaded on eGyankos h at https://egyanakosh.aic.in/handle/123456789/87555 5. Yet to be printed
4	Written BY: <u>Akshay Kumar</u>	Unit 13: Microprocessor Architecture	PGDCA: MCS202	Indira Gandhi National Open University	2021	21	Uploaded on eGyankos h at https://egyanakosh.aic.in/handle/123456789/7750

							5. Yet to be printed
5	<u>Written BY:</u> <u>Akshay Kumar</u>	Unit 2: Data Representation	PGDCA: MCS202	Indira Gandhi National Open University	2021	33	Uploaded on eGyankosh at https://egyanakosh.ac.in/handle/123456789/7383 4. Yet to be printed
6	<u>Written BY:</u> <u>Akshay Kumar</u>	Unit 3: Logic Circuits: An Introduction	PGDCA: MCS202	Indira Gandhi National Open University	2021	29	Uploaded on eGyankosh at https://egyanakosh.ac.in/handle/123456789/7383 4. Yet to be printed
7	<u>Written BY:</u> <u>Akshay Kumar</u>	Unit 4: Logic Circuits: Sequential Circuits	PGDCA: MCS202	Indira Gandhi National Open University	2021	21	Uploaded on eGyankosh at https://egyanakosh.ac.in/handle/123456789/7383 4. Yet to be printed
8	<u>Edited By</u> Akshay Kumar + More Persons	Block-1: Unit 1: Mathematical Concepts	BA (Hons) Course Name: Data Analysis	Indira Gandhi National Open University	2019	20	Yet to be published
9	<u>Written By</u> Akshay Kumar	Block-1 Unit – 3: Introduction to Statistical Software	BA (Hons) Course Name: Data Analysis	Indira Gandhi National Open University	2019	18	2019 Yet to be published
10	<u>Jointly Written</u>	Block-2 Unit 6: Data	BA (Hons) Course	Indira Gandhi National Open	2019	25	2019 Yet to be

	Akshay Kumar + More Person	Presentation	Name: Data Analysis	University			published
11	<u>Jointly Written</u> Akshay Kumar + More Persons	Block-3 Unit 7: Uni-variate Data Analysis	BA (Hons) Course Name: Data Analysis	Indira Gandhi National Open University	2019	25	2019 Yet to be published
12	<u>Jointly Written</u> Akshay Kumar + More Person	Block-3 Unit 8: Bi-variate Data Analysis	BA (Hons) Course Name: Data Analysis	Indira Gandhi National Open University	2019	25	2019 Yet to be published
13	<u>Jointly Written</u> Akshay Kumar + More Person	Block-3 Unit 9: Multivariate Data Analysis	BA (Hons) Course Name: Data Analysis	Indira Gandhi National Open University	2019	25	2019 Yet to be published
14	Course Editor	Computer Skills	Edited all Four Blocks	Course Editor for School of Health Sc.	2015	About 240	Yet to be printed
15	Designed (Syllabus), Written and Coordinated Akshay Kumar <u>Editor</u> Rahul Johri	BCSL057:Web Programming LAB “Lab manual”	Indira Gandhi National Open University	Indira Gandhi National Open University	2013	15	ISBN-978-81-266-6534-1
16	<u>Jointly Written</u> Radhey S. Gupta	BCSL 58: Computer Oriented Numerical Techniques	Indira Gandhi National Open University	Indira Gandhi National Open University	2013	40	ISBN-978-81-266-6579-2

	Sudhansh Sharma Akshay Kumar Manohar Lal	LAB					
17	Designed (Syllabus), Written and Coordinated Akshay Kumar [Sudhansh Sharma wrote for section 2,3,5] <u>Editor</u> Debashree Goswami	BCSL044:Statistical Techniques LAB Section1: Descriptive Statistics and Statistical Inferences Section 3:Time Series Analysis and Control Charts	Indira Gandhi National Open University	Indira Gandhi National Open University	2013	26 for section 1 and 10 pages for section 4	ISBN-978-81-266-6407-8
18	Designed (Syllabus), Jointly Written and Coordinated Akshay Kumar (written complete unit 1 of Block 2) Poonam Trikhia Units 2,3,4 Block 1 was written by other writers <u>Content Editor</u> Rahul Johri	BCS053:Web Programming Unit 1: The Server Side Scripting	Indira Gandhi National Open University	Indira Gandhi National Open University	2013	17	ISBN-978-81-266-6557-0
19	Designed (Syllabus), Jointly Written and	BCSL 22: Assembly Language Programming	Indira Gandhi National Open University	Indira Gandhi National Open University	2011	28	ISBN-978-81-266-5735-3

	Coordinated Akshay Kumar with Naveen Kumar <u>Content</u> <u>Editor</u> M.P.S. Bhatia		University				
20	Designed (Syllabus), Block Jointly Written <u>Akshay Kumar with others(3 more writers)</u>	CIT-003 : Block-1 Internet Concepts	Indira Gandhi National Open University	Indira Gandhi National Open University	2009	100	ISBN-978-81-266-3979-3
21	Designed (Syllabus), Block Jointly Written <u>Akshay Kumar with others(2 more writers)</u>	CIT-003 : Block-2 Web Page Design	Indira Gandhi National Open University	Indira Gandhi National Open University	2009	82	ISBN-978-81-266-4065-2
22	Designed (Syllabus), Content Transformation and Coordinated Akshay Kumar <u>Editor</u> Milind Mahajani	BCS011:Computer Basics and PC Software	Indira Gandhi National Open University	Indira Gandhi National Open University	2008	80	ISBN-978-81-266-5501-4
23	Designed (Syllabus), Jointly Written and Coordinated	MCSL045: UNIX AND DBMS LAB	Indira Gandhi National Open University	Indira Gandhi National Open University	2006	15	ISBN-81-266-2400-0

	Akshay Kumar V.V. Subrahmanyam Suman Madan <u>Content Editor</u> N. Parimala & D.P. Vidyarthi						
24	Designed (Syllabus), Jointly Written and Coordinated (till 2004) Divya Sharma Akshay Kumar Ranjana Sharma <u>Content Editor</u> N. Parimala	MCS043:Advanced Database Management System Block-1	Indira Gandhi National Open University	Indira Gandhi National Open University	2006	80	ISBN-81-266-2473-6
25	Designed (Syllabus), Jointly Written and Coordinated (till 2004) Neeraj Sharma Sachin Gupta Akshay Kumar Bhoomi Gupta Ranjana Sharma	MCS043:Advanced Database Management System Block-2	Indira Gandhi National Open University	Indira Gandhi National Open University	2006	90	ISBN-81-266-2504-X

	<u>Content Editor</u> N. Parimala						
26	Designed (Syllabus), Jointly Written and Coordinated (till 2004) Divya Sharma Ranjana Sharma Akshay Kumar <u>Content Editor</u> N. Parimala	MCS043:Advanced Database Management System Block-3	Indira Gandhi National Open University	Indira Gandhi National Open University	2006	96	ISBN-81-266-2521-X
27	Designed (Syllabus), Jointly Written and Coordinated (till 2004) Manoj Gupta Sanjeev Thakur Sachin Gupta Akshay Kumar <u>Content Editor</u> N. Parimala	MCS043:Advanced Database Management System Block-4	Indira Gandhi National Open University	Indira Gandhi National Open University	2006	66	ISBN-81-266-2492-2
28	Jointly Written Naveen Kumar M.P. Mishra Akshay Kumar	MCSL025: LAB COURSE (For Data Structures, Networking,	Indira Gandhi National Open University	Indira Gandhi National Open University	2005	90	ISBN-81-266-1683-0

	P. Venkata Suresh <u>Content Editor</u> M.P.S Bhatia	DBMS and Java Programming					
29	Designed (Syllabus), Jointly Written and Coordinated Suman Madan Akshay Kumar <u>Content Editor</u> MPS Bhatia	MCS012:Computer Organisation and Assembly Language Programming Block-1	Indira Gandhi National Open University	Indira Gandhi National Open University	2005	106	ISBN-81-266-1385-8
30	Designed (Syllabus), Jointly Written and Coordinated Anupama Jha Amitabh Trehan Akshay Kumar <u>Content Editor</u> MPS Bhatia	MCS012:Computer Organisation and Assembly Language Programming Block-2	Indira Gandhi National Open University	Indira Gandhi National Open University	2005	106	ISBN-81-266-1343-2
31	Designed (Syllabus), Jointly Written and Coordinated Mrs Usha Akshay Kumar <u>Content</u>	MCS012:Computer Organisation and Assembly Language Programming Block-3	Indira Gandhi National Open University	Indira Gandhi National Open University	2005	99	ISBN-81-266-1384-X

	<u>Editor</u> MPS Bhatia						
32	Designed (Syllabus), Jointly Written and Coordinated Suman Madan Pinki Rani Akshay Kumar <u>Content Editor</u> MPS Bhatia	MCS012: Computer Organisation and Assembly Language Programming Block-4	Indira Gandhi National Open University	Indira Gandhi National Open University	2005	102	ISBN-81-266-1426-9
33	Jointly Written Ranjana Sharma Archana Singhal Akshay Kumar V.V. Subrahmanyam <u>Content Editor</u> Miliind Mahajani	MCS024: Object Oriented Technologies and Java Programming Block 1	Indira Gandhi National Open University	Indira Gandhi National Open University	2005	78	ISBN-81-266-1825-6
34	Jointly Written Akshay Kumar Milind Mahajan V.V. Subrahmanyam	MCS034: Advance Software Engineering Block 3: Advanced Software Engineering	Indira Gandhi National Open University	Indira Gandhi National Open University	2005	68	ISBN-81-266-2192-3

	P. V Suresh <u>Content Editor</u> A.K. Tripathi						
35	Designed (Syllabus), Jointly Written Naveen Kumar Akshay Kumar V.V. Subrahmanyam <u>Content Editor</u> P.S Grover M.P.S Bhatia	MCSL017: C and Assembly Language Programming	Indira Gandhi National Open University	Indira Gandhi National Open University	2004	45	ISBN-81-266-1301-7
36	Designed (Syllabus), Jointly Written and Coordinated Akshay Kumar V.V. Subrahmanyam	CS 72: Block 1: An Introduction to Object Oriented Programming	Indira Gandhi National Open University	Indira Gandhi National Open University`	2002	68	ISBN-81-266-0527-8
37	Designed (Syllabus), Jointly Written and Coordinated Akshay Kumar P.V. Suresh	CS72: Block 2: C++ An Introduction	Indira Gandhi National Open University	Indira Gandhi National Open University	2002	63	ISBN-81-266-0497-2
38	Designed (Syllabus), Jointly Written and	CS66: Introduction to Multimedia and Its	Indira Gandhi National Open	Indira Gandhi National Open University	2000	70	ISBN-81-7605-835-1

	Coordinated Akshay Kumar Namita	Application	University				
39	Designed (Syllabus), <u>Block Content</u> <u>Co-ordinator</u> Akshay Kumar Written by Other authors	CS 67: RDBMS Design	Indira Gandhi National Open University	Indira Gandhi National Open University	2000	Block 1: 86 Block 2: 60	ISBN-81-7605-771-1 ISBN-81-7605-772-X

- I have participated in online content preparation of the course of ADIT/ BIT for which I have coordinated the courses.
- Prior to 2000, I was part of course writer team of several courses such as CS-01, CS-611, CS-612, CC-09, and CIC courses.

Participant of Interactive Radio Counselling (Gyan Vani)

I have participated in Radio counselling since its inception. The first radio counselling was done around year 2000, when I participated in Radio counselling for CIT programme with Sh Shashi Bhushan.

The following is a partial list (since 2010) of the more recent radio counselling programmes.

- Memory Hierarchy in a Computer (with MP Mishra) 12-05-2020
- Database Integrity and SQL for BCA/MCA students (with MP Mishra) 06-05-2020
- Assembly Language Programming for 8086 Microprocessor (with M P Mishra) 28-03-2020
- Preparing Project Report for MCA/BCA Projects of IGNOU (with M P Mishra) 17-03-2020
- Basics of JAVA programming (with M P Mishra) 05-10-2019
- Design of Normalised Database System on 23-07-2019
- Computer Programme At IGNOU on 25-09-2019
- Web Application Design Issue on 30-04-2019
- Working of Computer System on 09-04-2019
- BCA/MCA Projects: Implementing Projects & Preparing Project Reports on 09-02-2019
- Software Design and Development Using Object Oriented Approach on 11-09-2018
- Admission 2018 Programme Issues and Solutions on 31-08-2018
- Data Mining and It's Applications on 10-07-2018
- Management of Transactions In DBMS on 24-04-2018
- Java Programming-Inheritance and Polymorphism on 13-03-2018
- Index and Hashing on 20-01-2018
- Use of SQL In Relational Database Management on 31-10-2017

- MCA/BCA Project-Problem Identification on 08-08-2017
- Role of Database Management In An Organization on 15-07-2017
- Introduction to C++ Programme (BCA 3rd Semester Students) on 20-05-2017
- MCA/BCA Programme In IGNOU on 23-04-2017
- Object Oriented Programming on 07-01-2014
- OOP and C++ on 12-01-2014
- Object Oriented Programming on 06-07-2014
- Database Design and SQL on 29-06-2014
- Object Oriented Programming Using Java on 06-08-2013
- Designing Data Base on 28-07-2013
- Organization of Computer on 25-07-2010
- Object Oriented Programming 28-11-2010
- OOP - some important tips on 11-11-2012
- How to start and develop Computer Science Projects on 07-02-2010
- Organization of Computer 25-07-2010
- Object Oriented Programming 28-11-2010

Video programmes \ Teleconferencing

- **I and Mr Shashi Bhushan were among the first users of the Teleconferencing facilities at IGNOU since its inception.**
- **I have used teleconferencing for imparting session relating to BIT, ADIT, CIC, DCO, MCA and BCA programmes.**
- **The Teleconferencing sessions were also used for induction, orientation of the counsellors of SOCIS programmes from time to time.**
- **There are a number of recorded programmes related to BCA/MCA/BIT/ADIT which are available on the IGNOU youtube channel.**
- The following is a partial list of Gyan Darshan sessions (since 2018).

Date	Slot	Topic	Resource Person	School	Programme Code
23-09-2020	11:00-12:00	Updates on MCA_NEW programme from Academic and administrative perspective	Mr. Akshay Kumar with Director (SOCIS)	SOCIS	BCA/MCA
23-09-2020	15:00-16:00	MCA Projects	Mr. Akshay Kumar	SOCIS	BCA/MCA
03-02-2020	15:00-15:30	Algorithm to merge two sorted Arrays	Mr. Akshay Kumar	SOCIS	BCA/MCA
20-01-2020	15:00-15:30	Algorithm to Partition an Array	Mr. Akshay Kumar	SOCIS	BCA/MCA
16-10-2019	15:45-16:15	Recovery in a Database System	Mr. Akshay Kumar	SOCIS	BCA/MCA
16-07-2019	3.30-4.00	Normalised Relations	Mr. Akshay Kumar	SOCIS	BCA/MCA
26-3-2019	4.30-5.00	SQL commands to Create	Mr. Akshay Kumar	SOCIS	BCA/MCA

		Database	Mr. M P Mishra		
15-10-2018	3:30-4:00	Writing Functions in C Programming	Mr. Akshay Kumar	SOCIS	BCA/MCA
20-09-2018	4:00-4:30	Binary Search Algorithm and Implementation	Shri. Akshay Kumar	SOCIS	BCA/MCA
03-08-2018	4:00-4:30	Some Problem Solving Algorithms	Mr. Akshay Kumar, Mr. M. P. Mishra	SOCIS	BCA/MCA
26-07-2018	4.30-5.00	Problem Solving Using Arrays and Loop	Mr. Akshay Kumar	SOCIS	MCA/BCA
Partial List only since 2018					

12. Training programmes designed and conducted (with other resource persons), duration and dates

S.No.	Programme	Dates	Place	Number of Participants
1	“Refresher Programme on ICT in ODL for the teachers and Academics of IGNOU” Ms Mythali (STRIDE)	July 18 to August 10, 2016 (21 days)	IGNOU, New Delhi	35
2	Workshop on “Simple Application Design Using MS-Access” at IGNOU Jointly coordinated with Mr M P Mishra	March 21-22, 2017.	IGNOU, New Delhi	30
3	Workshop on “The Database Design- A Practical Approach”	30 March 2012	IGNOU, New Delhi	20

13. Details of Counselling sessions conducted:

SNo	Programme	Course/T opic	Place	Dates	Duration	Mode (Specify- Face to Face Radio counselling Teleconferencing Web conferencing Any Other)
1	PhD (Nursing)	Use of SPSS in	Conference Room,	10/09/2018	3 Hrs	Face to Face

		research	SOH	12/09/2018	3 Hrs	
2	PhD (Library Science)	Data Analysis using SPSS	Conference Room 2, SOSS	27/08/2018 28/08/2018 29/08/2018 30/08/2018 31/08/2018	2 Hrs 2 Hrs 2 Hrs 2 Hrs 2 Hrs	Face to Face
3	Ph.D./M.Phil. In Commerce	Applications of SPSS	SOCIS Conference Room	16/08/2018 17/08/2018 20/08/2018 21/08/2018 23/08/2018	3 hours 3 hours 3 hours 3 hours 3 hours	Face to Face
4	M.Phil/PhD (Management Studies)	Statistical Methods	Conference Room, SOCIS	27/07/2018 07/08/2018	3 Hrs 3 Hrs	Face to Face
5	PhD Environmental Science SOITS	Computer Basics and Office Applications	Convention Centre	25/07/2018 26/07/2018	1.5 Hrs 1.5 hrs	Face to Face
6	PhD (Library Science)	Data Analysis	Conference Room 2, SOSS	09/07/2018 10/07/2018 11/07/2018 12/07/2018 13/07/2018	1 Hr 1 Hr 1 Hr 1 Hr 1 Hr	Face to Face
7	PhD (CS)	RCS001: Research Methodology	SOCIS Conference Room	28/09/2017 29/09/2017 03/10/2017 04/10/2017 06/10/2017	1.5 Hours 1.5 Hours 1.5 Hours 1.5 Hours 1.5 Hours	Face to Face
8	PhD (CS)	RCSE001:	SOCIS Conference	25/09/2017	1.5 Hours	Face to Face

		Data Mining	Room	26/09/2017 27/09/2017 28/09/2017 29/09/2017 03/10/2017 04/10/2017 05/10/2017	1.5 Hours 1.5 Hours 1.5 Hours 1.5 Hours 1.5 Hours 1.5 Hours 1.5 Hours	
9	PhD (CS)	RCSE008: Advance Operating System	SOCIS Conference Room	20/09/2017 21/09/2017 22/09/2017	1.5 Hours 1.5 Hours 1.5 Hours	Face to Face
10	PhD((PHDITS))	Quantitative Research methods (statistics)	Convention Centre	25/07/2017 26/07/2017	1.5 Hours 1.5 Hours	Face to Face
11	PhD, MPhil (Economics)	Data Analysis using SPSS	SOSS conference Rooms	3 sessions in Aug 2015 and 3 Sessions in Aug 2017	1 hr each session	Face to Face
12	MSc (MSCCHEM) 2 nd Year	MCH-550: Computational Chemistry	SOS Lecture Room	Semester January to July 2013	FULL Semester Course	Face to Face
13	MSc (MSCCHEM) 2 nd Year	MCH-550: Computational Chemistry	SOS Lecture Room	Semester January to July 2013	Shared with Dr Shubhalaxmi Lamba, SOS (Semester Course)	Face to Face
14	MSc (MSCCHEM) 2 nd Year	MCH-550: Computational	SOS Lecture Room	Semester January to July 2013	Shared with Dr Shubhalaxmi Lamba, SOS	Face to Face

		Chemistry			(Semester Course)	
--	--	-----------	--	--	-------------------	--

In addition to above face to face sessions since 2010, I have been involved in counselling of BCA and MCA students for various subjects at various study centres including INSDOC, RC Delhi I, Flying club, Delhi and others (prior to 2010)

14. Details of Patents granted (if any): **NIL**

15. Contribution to IGNOU's corporate life:

SNo	Chairperson/ Member of Committee	Name of the Committee	Date/ period
1	Member	Committee for setting up a Research Lab	2018
2	Member	Task Force of MPDD	2014-15
3	Member	Library Committee	2006
4	Member	To Develop a Web-enabled Secure Database System "Students Registration & Records Management System (SRRMS)" For SRD/SED	26 th April, 2010
5	Member	Sports and Cultural Committee for Organizing and Promoting Sports and Cultural Activities.	9 th Sep, 2010
6	Member	Core Committee on Preparing the Syllabus for framing and finalising the syllabus for written test for various posts of non-academic staff	25 th Jan. 2012
7	Member	Screening committee for the post Assistant Director (Software)	20 th Feb, 2012
8	Member	Refreshment of 25 th Convocation	1 st Feb, 2012
9	Member	Committee to Prepare the Operational Plan for the Implementation of IT Mass Literacy Programme across the Country.	13 rd April, 2012
10	Member	Project Management & Monitoring Committee (PMMC) of IGNOU- IANS and Four Vertical Committee.	19 th June, 2012
11	Member	IT Task Group of Computer Division	18 th Dec, 2012
12	Member	Refreshment for the 26 th Convocation	1 st Jan, 2013
13	Member	Procurement of Furniture Items.	12 th June, 2013
14	Member	Committee for Selection of Manpower	19 th July, 2013

		Requirement for IGNOU Website.	
15	Member	To Review The Pilot Project on Automated TMA Generation and Assignment Banking System for IGNOU.	17 th July 2013
16	Member	Task force for Revamping of Regional Services Division of the University.	22 nd Aug, 2013
17	Member	E-learning Committee to Develop Modalities for Offering e-learning Programmes.	16 th Aug, 2013
18	Member	Committee to review Programme on offer at SOL for finalizing vision document of SOL	Aug, 2013
19	Member	Committee for taking over ODLSOFT from TCS.	21 st Sept, 2013
20	Member	Committee to work on the technological platform, backend databases and software application for service oriented web portal.	17 th Oct, 2013
21	Member	Committee to prepare guidelines for requirements of a model Multimedia Lab for various School of Studies, IGNOU	17 th Feb, 2014
22	Member	Committee for 29 th Foundation Day of the University	13 th Aug, 2014
23	Member	Review committee to review entire process of screening and suitability of eligibility norms in the light of present of IT Requirements of IGNOU for the post of Assistant Director.	8 th Oct, 2014
24	Member	Committee to frame a Policy for Revision of Course in the University	11 th Nov, 2014
25	Member	Committee for Personal Interview for the selection of posts of Consultants (IT), Web Developer	8 th April, 2015
26	Member	Designing, Developing, Printing and Procurement of Diaries and Calendars for New Year 2016.	12 th Oct, 2015
27	Member	Procurement of Computers, Printers and UPS etc.	5 th Feb, 2016
28	Member	Study/Sabbatical Leave Committee to Consider the Applications of a Teachers and an Academic for Sanction/extension of Study Leave.	19 th May, 2016
29	Member	Committee for Planning, Development and Implementation for SWAYAM and SWAYAM PRABHA .(Member of Planning committee)	17 th Oct, 2016
30	Member	Taking-over Committee for Online Course or Programmes regulation.	15 th Nov, 2018

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

SNo.	Designation	Period
1	Director, SOCIS	1 st February 2015 to 13 May 2015 (on request for relieving

		from the position on personal ground)
--	--	--

MEMBERSHIP OF PROFESSIONAL BODY/ STATUTORY BODY (INTERNAL/ EXTERNAL):

Membership of Professional body / Statutory body	Name of statutory body/ institution	Period
Member	Association for Computing Machinery (ACM)	Mr Akshay Kumar Member Number: 7365348 ACM Member Since: March 2015 Expiration Date: – February 29, 2020
Member	Academic Council of IGNOU	24 th May, 2003 to 23 th May 2005 13 th March 1995 to 12 th March 1997
Member	Planning Board of IGNOU	28 November 1996 to 27 th November 1998
Member	Academic Council Standing Committee	For One Year from Jun 2014 to May 2015
Member	School Board, School of Computer and Information Science (IGNOU)	13 th March 2019 till date 9 th March 2017 to 8 th March 2019 13 th Nov 2014 to 12 th Nov 2016 22 st Sept 2012 to 21 st Sept 2014 22 nd Sept 2010 to 21 st Sept 2012 (many other terms prior to 2006)
Member	School Board, School of Education (IGNOU)	22 nd May 2018 to 21 st May 2020
Member	School Board, School of Management Studies (IGNOU)	November 2017 to October 2019
Member	School Board, School of Law (IGNOU)	2012 to 2014
Member	School Board, School of Engineering and Technology (IGNOU)	July 2008 to June 2010

17. Any other contribution/information

International Assignments:

- Worked as Associate Professor and HOD at University of Fiji from April 2006 to April 2018
- Finalisation of BCA and BIT structure at University of Fiji from 28/03/2015 to 11/04/2015
- Orientation of BCA counselors for the partner Institute of IGNOU at Mauritius 11th and 12th August 2000
- Orientation of counselors of Computer programmes for the partner Institute of IGNOU at Kuwait - 2nd April 2000
- Orientation of counselors of Computer programmes for the partner Institute of IGNOU at UAE - 31st March 2000
- Orientation of counselors of Computer programmes for the partner Institute of IGNOU at Oman - 29th March 2000

**Work Experience at University of Fiji as Associate Professor and HOD
Department of Computer Science and Information Technology from
(April 2006 to April 2008)**

- Mentored the faculty to promote effective research and good teaching practices at the department of computer science.
- Taught courses at Post Graduate and Under Graduate levels - my specialisation is in the area of database management systems. I have taught courses in the area of Software Engineering, Web Programming and Computer Architecture
- Managed the faculty recruitment for the Department of Computer Science - almost all the faculty in the department had been recruited locally in Fiji. This was a very hard task.
- I was also taking care of administrative responsibilities of the School of Science and Technology of the University of Fiji.
- I had been appointed as the Chair of Board of Academic Studies at the University of Fiji