Name: Dr. Sumeet Kumar
Designation: Assistant Professor
Subject: Computer Science
Email ID: ksumeet2016@gmail.com
Contact: 9814791638

Qualification:

- Ph.D (2017) in Computer Application from NIILM University,Kaithal
  Title of Ph.D Thesis : Developing Architecture For Image Retrieval Based On Objects Features In An Image
- MCA from Punjabi University Campus in 2002

PATENTS:

1.Title of the invention: **THE SYTEM AND METHOD OF VISUALLY IMPAIRED PEOPLE FOR VOICE CONVERSION SPEECH TO TEXT COMMUNICATION**

2. Title of the invention**: IMLEMENTATION OF ARTIFICIAL INTELLIGENCE FOR ARTIFICIAL RAINMAKING THROUGH LASER INITIATION ENDOTHERMIC REACTION THROUGH DRONE REMOTE CONTROL SYSTEM**

PUBLICATIONS:

1. Sapna Dhiman , Rohit Sachdeva, **Sumeet Kumar** , Neha Khanna (2017) "Comparative Analysis for Gurmukhi and Devanagari Script at Word Level" in International Journal of Engineering Technology and Computer Research**(ugc journal no. 49173) (**(vol.5,issue 3,pp:49-64)May-June2017 , ISSN : 2348-2117)
   https://ijetcr.org/index.php/ijetcr/article/view/377

2. **Sumeet Kumar** , Neha Khanna (2017)"A Study for Searching An Image through Content Features" in International Journal of Advanced Research in Computer Science **(ugc journal no. 2503)(** (vol.8,pp:166-169)May-2017,ISSN: 0976-5697) https://search.proquest.com/openview/94f3a444d3f907bd3965a5d9950eadc0/1?pq-origsite=gscholar&cbl=1606379

3. Sapna Dhiman , **Sumeet Kumar** (2014)"Punjabi Search Engine:Keywords Excavation" in International Journal of Research in I.T(ISSN: 2001-5569 ,2014), link

4. **Sumeet Kumar** "Survey Report M-Learning:Shared Mode of Erudition" in International Journal of Advanced Research in Computer Science and Software Engineering.Vol.4**(ugc journal no. 48958 ,2014,** ISSN: 2277-128X) http://www.ijltem.com/impact-factor.pdf

5. Neeraj Goyal, **Sumeet Kumar** "ICT and Education:Creating Virtual Classroom" in Global Journal of Computer Science Research and Technology(2014, ISSN: 2349-0608) https://gjcrt.org/volume-i/

6. "Impact of Cloud Computing on Education" in Desh Bhagat University (ISBN: 978-93-83223-01-5,2014) Offline

7. **Sumeet Kumar** (2019)"Implementation of Software Management and Maintenance" in Journal of Emerging Technologies and Innovative Research **(ugc journal no. 63975)(** (vol.6,pp:63-66)January-2019,ISSN: 2349-5162)

8. **Sumeet Kumar** (2019)"Green Computing-A Solution to Electronic Pollution" in International Journal of Multidisciplinary **(ugc journal no. 44945)(**(vol.-04,issue-02)Feb-2019,ISSN: 2455-3085)**)**

9. **Sumeet Kumar and** Harneet Singh (2019)"Effect of Energy Drinks on Blood Lactate amid Male Cyclists" in International Journal of Multidisciplinary **(ugc journal no. 44945)(**(vol.-04,issue-03)March-2019,ISSN: 2455-3085)**)**

10. **Sumeet Kumar** (2021) "Cyber Security and Privacy Assessment in Digital Pedagogy " in Journal of Maharaja Sayajirao University of Baroda **(ugc care list1 journal**)((vol.-55,ISSN:0025-0422))

BOOK

1. **Sumeet Kumar (2021)** "Image Retrieval Architecture" Twenty First Century Publication. ISBN: 978-93-90953-02-8
2. **Sumeet Kumar (2021)** "Fundamentals of Digital Electronics" Twenty First Century Publication. ISBN: 978-93-90953-35-6

3. **Sumeet Kumar** (2020) **"Exploring C++"** Twenty First Century Publication. ISBN: 978-93-90154-57-9

4. Manpreet Bhullar , **Sumeet Kumar** (2014) "Basics of Database nagement System" by LAMBERT ACADEMIC PUBLISHING, BERLIN, GERMANY, (ISBN:978-659-53893-3)
5. **Sumeet Kumar** , Manpreet Bhullar (2014) "Web Designing Using HTML" by WILDFOX PUBLICATION , CANADA ,2014 (ISBN: 978-0-9939319-1-8)
6. **Sumeet Kumar** , Manoj Kumar , Dipin Kumar, Rohit Sachdeva (2012) "Office Automation" ISBN: 978-93-80144-91-7 Twenty First Century Publication
7. **Sumeet Kumar** , Deepak Singh , Dr. Harmanpreet Singh (2013) "Computer Network" ISBN: 978-93-82376-13-2 Zohra Publication
8. Deepak Singh **,Sumeet Kumar,** Teja Singh ,Rachandeep Singh (2013) "Computer Network and Scripting Language" ISBN: 978-93-82376-14-9 Zohra Publication
9. **Sumeet Kumar** , Gagandeep Singh , Ramanpreet Kaur , Ritu Walia (2013) "Computer Application in Business" ISBN: 978-93-80144-96-2 Twenty First Century Publication
10. **Sumeet Kumar** , Usha Rani , Ankit Jagga , Amanpreet Singh (2013) "Information Technology" ISBN: 978-93-82376-28-6 Zohra Publication
11. **Sumeet Kumar** , Ashmeet Kaur , Sukhwinder Singh (2010) "Programming In C" ISBN: 978-93-80144-18-4 Twenty First Century Publication
12. Neha Khanna , Rohit Sachdeva ,Arun Khanna , **Sumeet Kumar** (2008) "Combined Approach of Software Engineering with MIS" ISBN: 81-904286-6-7 Twenty First Century Publication
13. **Sumeet Kumar** , Gurpreet Chawla (2007) "Management Information System" ISBN:978-81-272-3809-4 Kalyani Publisher

CONFERENCE/SEMINARS

A) Resource Person:

1. Acted as Chair Person for Technical Session –IV on topic "Higher Education For Development & Role Of Teachers" at Khalsa College , Patiala on July 16, 2017
2. Chaired a session in National Seminar on "Computer Based Accountancy" at Shahzada Nand College, Amritsar on 24 March,2017
3. Worked as **Resource Person** in UGC sponsored Faculty Development Program at M.M.Modi College Patiala on Topic **"Academic Teacher Audit"** on 10th July,2014.

B) Paper Presented:

1. "Threat of Electronic Waste" (National Seminar) at M.M.Modi College , Patiala 9 February ,2018.
2. "Role of Media in Legal Literacy Compaign" 9 National Seminar) at S.A . Jain(P.G) College, Ambala 17 Februauy,2017
3. "Role of ICT in Swachh Bharat Abhiyan" at S.A . Jain(P.G) College, Ambala 20,Februauy,2017
4. "A study for searching an image through content features" at Sant Baba Bhag Singh University,Jalandhar 22 April,2017
5. "Computer Application in Financial Decision Making**" (International Conference)** at Government Mohindra College,Patiala January 15-16,2016

6. **"**I.T Tools in E-Governance**" (International Conference)** at Department Of Public Administration,Punjabi University, Patiala October 10,2016
7. **"**Customer References for Online Shopping**"** Govt. Postgraduate College ,Ambala Cantt. Feb. 6,2016
8. **"**Electronic Waste-Environment Issue and Its Management**"** Govt. Postgraduate College ,Ambala Cantt. Feb. 11,2016
9. **"**Challenges of E-Waste Management in India**"** M.M.Modi College ,Patiala Feb. 19-20 ,2016
10. **"**Social Media Marketing**"** Kamla Lohtia SD College ,Ludhiana March 5,2016
11. **"**Role of ICT in Women Empowerment**"** S.A.Jain(P.G) College,Ambala City March 12,2016
12. **"**Application of Computer Programming In Graph Theory**"** Guru Nanak Khalsa College,Karnal March 19,2016
13. "Use of ICT Tools in E-Governance" Department Of Public Administration,
14. Punjabi University, Patiala March 30,2016
15. "ICT Tools for Diet Management" M.M.Modi College Patiala Nov. 12,2016
16. "Copyright issues" at Maharishi Markandeshwar University, Mullana 26 April,2015\
17. I.T-Powerful Tool in Skill Development of the Country A.S College, Khanna 22nd Aug.,2015 (In Absentia)
18. M.S Exel-Powerful Tool for Research Analysis D.A.V College of Education , Hoshiarpur 24th Dec.,2015
19. Solution of Linear Equations in Fuzzy Environment at Maharishi Markandeshwar University, Mullana,Ambala 30th March,2015
20. Consumer Preception Towards Increasing Trend of Online Shopping at Chandigarh Group of Colleges, Jhanjeri,Mohali 27th March,2015
21. "Wireless Communication " (**International Conference**) at Chitkara University ,21 March , 2015
22. Green Computing –Let's Not Make Tech. A Curse at S.C.D Government Coleege, Ludhiana 24th Feb.,2015
23. E-Wastage:A big challenge to environmental protection at Kamla Lohtia Sanatan Dharam College ,Ludhiana 14th Feb.,2015

24. Green Computing:Emergent field to develop eco friendly I.T at M.M.Modi College ,Patiala 31st Jan.,2015

25. Role of I.T in Banking Sector at Univ. School of Applied Mgt.,Punjabi University ,Patiala. 8 Dec.,2014

26. Harver:A methodology for the synthesis of flip-flop gates (**International conference**) at M.M.Modi College ,Patiala 7-8 Nov.,2014

27. Role of I.T in Research at Punjabi University,Patiala 25 May,2014
28. Green Computing-Saving Energy using Computers at Khalsa College,Patiala 4 April,2014
29. Interactive Method of Learning :Mobile Learning" (**International conference**) at Chandigarh University , Gharuan 9 Feb,2014
30. Impact of Cloud Computing on Education at Desh Bhagat University, Mandi Gobindgarh 15 March,2014
31. Web Services at ASRA Group of Institutions 2013
32. Carbon dioxide emission during computing at M.M.Modi College , Patiala 2013
33. New Trends in E-Marketing at Guru Harkrishan Group of Colleges, Patiala 2011
34. Data Mining at Desh Bhagat Group Of Institutes 2009
35. "A study of Ubiquitous Algorithms of Information Retrieval Systems"at DAV College Amritsar 2009

C) Attended:

1. Contemporary Issues in Education Panchand Research Institute ,Chandigarh.

Venue:Golden Jubilee Hall, Panjab University ,Chandigarh July 10,2016.

2. Sumeet Kumar , "Advertising industry: Past, Present and Future", ARSD College Dhaula Kuan, New Delhi dated 9th-May-2020. (Online)
3. Sumeet Kumar, "Leaders as Communicator Department of Computer Science" Bharati College University of Delhi dated 20th-May-2020. (Online)
4. Sumeet Kumar, "5G Technology and its application Department of electronics and communication engineering" Sri Vasavi Institute of Engineering and Technology Nandamuru dated 28th-May-2020. (Online)
5. Sumeet Kumar, "How to Write a Good Research Project Proposal" Department of Electronics and Communication Engineering Punjabi University, Patiala, Punjab dated 31st- May-2020. (Online)

Workshops and training courses
FDPs:

1. Attended 3 days National Online FDP on ICT Tools for Effective Teaching Learning from 8-10th June,2021 organized by IQAC, Kamla Nehru Mahavidyalaya, Nagpur
2. Attended 7 days National Online FDP on Integration of Pedagogy and Technology in Teaching-earning from 13-10th July,2021 organized by Multani Mal Modi College, Patiala
3. Participated 7 day FDP on theme "Emerging Issues & Challenges in Higher Education" at M.M. Modi College, Patiala from July 17-22, 2019.
4. Participated in 3 day workshop on **Android App Development and Artificial Intelligence**" at M.M. Modi College, Patiala from November 13-15, 2019.
5. Participated 7 day FDP on theme "Contemporary Issues in Higher Education" at M.M. Modi College, Patiala from July 20-26, 2018.
6. Participated in UGC sponsored 7 day FDP on theme "Academic Writing from Critical Appreciation to Publication " at M.M. Modi College, Patiala from January 09-16, 2017.
7. **Refresher course** in ICT from 19-11-2016 to 10-12-2016 at B.P.S Mahila Vishwavidyalaya , Khanpur Kalan, Sonepat.
8. **NSS camp** on theme **Swachh Bharat Swasth Bharat** from 01/01/2016 to 07/01/2016 at M.M.Modi College , Patiala.
9. Participated in 7 days 'Leadership and Advocacy' workshop organized by Rajiv Gandhi National Institute of Youth Development , Regional Centre at Multani Mal Modi College, Patiala from 25-05-2015 to 31-05-2015
10. Participated in 7 days UGC sponsored Faculty Development Program at Multani Mal Modi College, Patiala from 09-07-2015 to 15-07-2015
11. 15 days Faculty Development Program at Multani Mal Modi College, Patiala from 01-07-2014 to 15-07-2014
12. **NSS camp** on theme **Health, Public Sanitation, Personal Hygiene** from 21/14/2014 to 27/12/2014 at M.M.Modi College , Patiala
13. **Refresher Course** from 14-05-2012 t0 02-06-2012 at ASC, Punjabi University, Patiala.
14. **Orientation Course** from 18-06-2010 to 15-07-2010 at ASC, Punjabi University, Patiala.
15. **NSS camp** on theme **Healthy Youth for Healthy India** from 22/12/2008 to 31/12/2008 at M.M.Modi College , Patiala

16. **NSS camp** on theme **Youth Compaign for Sustainable Development** from 17/12/2004 to 27/12/2004 at **Village Assanpur, Distt. Patiala**

EXTENSION ACTIVITIES:

- **Acted** as observer in T.E.T in 2012.

WORKED AS PAPER SETTER / EVALUATOR FOR OTHER UNIVERSITIES:

1.Paper setter and evaluator at Under Graduate and Post Graduate level for Mata Gujri College, Fatehgarh Sahib, Khalsa College Patiala (An Autonomous College, Under Punjabi University, Patiala), PTU Jalandhar, Punjabi University, Patiala.

2. Examiner for Practical Examination of Punjab Technical University, Kapurthala

OTHER ACHIEVEMENTS

1. Participated in the seminar on AIDS Awareness at M. M. Multani Mal college on Feb. 20, 2008.
2. Participated in First annual conference on RACES at M. M. Modi College, Patiala on 16-17 Jan., 2009.
3. Participated in 1-day Technical workshop by ARUBA NETWORKS at Punjabi University, Patiala on 09-11-2012.
4. Participated in First annual conference on RACES at M. M. Modi College, Patiala on 16-17 Jan., 2009.
5. 2-day TEQIP-II sponsored National workshop on Natural Language Processing at Thapar University, Patiala on 6-7, Dec., 2013.
6. Participated in 2-day AppsFluxus-2014 National Android Apps Workshop organized by Finland Labs. In association with IIT Roorke from 28-02-2014 to 01-03-2014.