

# **BIO-DATA**

## **1. Personal Details:**

Name : Dr. Naresh Kumar

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**Academic Qualifications : B.E Computer Sc. & Engg.**

**M.Tech Computer Sc. & Engg.**

**Ph.D Computer Sc. & Engg.**

## **2. Experience :**

#	Experience	Year
1	Teaching and Research Experience	More than 22 Years for UG & PG Programs

**3. Papers Published in National/ International Journals/Conferences : More than 30 Papers**

## **4. Reviewer of Journals and Conferences :**

**Reviewed Web of Science indexed Research Articles in the capacity of Reviewer for SCI/SCOPUS indexed Journals :**

**As Reviewer : Number of Research Papers Reviewed ( Total Reviews = More than 20 )**

**1 – IEEE Transactions on Emerging Topics in Computational Intelligence ( Web of Science indexed )**

**1 – Journal of Intelligent Systems ( Web of Science indexed )**

**2 – Springer Journal of Multimedia Tools and Applications ( Web of Science indexed )**

**2 – Journal of Concurrent Engineering ( Web of Science indexed )**

**8 – IEEE Access ( Web of Science indexed )**

**1 – Springer Journal of Big Data ( Springer Indexed )**

**1 – Peer Journal of Computer Science ( Web of Science, SCI, SCOPUS Indexed with High Impact Factor ) 2024**

**As Reviewer in Data Compression Conference 2018, Texas A & M University, USA**

**As Program Committee Member to review Research Papers of IEEE Int'l Conf. of Parallel, Distributed & Grid Computing 2018.**

**As Reviewer of Int'l Conf. CVBIOAP 2023 organised by Central University Jammu.**

**As Reviewer of Int'l Conference on Advanced Network Technologies and Computational Intelligence 2024 organised by Chitkara University, Patiala (Springer).**

#### 5. Books/ Monographs/ Book Chapters Published :

#	Type	Title of Books/Monograph/Book chapter; Authors	Year of Publication	Publisher	Publication Type
1.	SPRINGER AISC Book Series	"Efficient Data Deduplication for Big Data Storage System", Advances in Intelligent System and Computing, Vol. 714, pp. 351-371, July 2018	July 2018	Springer DOI:http://doi.org/ 10.1007/978-981-13 -0224-4_32	Progress Advanced Computing Intelligent Engg. SPRINGER
2.	ELSEVIER AETS Book Series	"Comparative Study of Intrusion Detection Systems in Cloud Computing", pp. 740-745, March 2014.	March 2014	ELSEVIER ISSN/ISBN No. 978- 0-306-47215-2	AETS Book Series ELSEVIER

6. As SESSION CHAIR in 5<sup>th</sup>. IEEE Int'l Conf. on Signal Processing, Computing and Control 2019  
SESSION CHAIRMAN 2<sup>nd</sup>. International Conference on Futuristic Trends in Engg. & Mgt. May 2014  
RESOURCE PERSON 6<sup>th</sup>. National Conference on Engg., Mgt. and Apparel & Textile Tech. Feb. 2015

#### 7. Administrative/ Institute Support Work :

#	Section/Office/Institute level Committee	From	To	Position Held	Responsibility Type
1.	Convener Anti-Ragging & Discipline Convener AICTE Approval Process, Convener Sports Convener Flying Squad Observer to Affiliated Colleges Exam Center Superintendent Exam, Asstt. Supdt. Exam Staff Selection Commission	2022 2019 2018 2012 2015 2010 2006	2025 2020 2019 2014 2016 2014 2021	Convener Convener Convener Convener Observer Center Supdt. CS & AS	Discipline AICTE related matters like approval & other activities, Conducting smooth Examinations
2.	M.Tech Computer Course Coordinator B.Tech CSE Final Year Coordinator	2014 2019	2016 2020	Coordinator Coordinator	Students Exam Results
3.	Member of BOS for UG & PG Programs, Member of UMC Committee constituted by Hon'ble Vice-Chancellor, Member -Inspection Committee for	2006	2021	BOS Member, UMC Member, Inspection and various other	Designing & approval of Board of Studies related matters like syllabus & other agendas of BOS

Colleges Affiliation for UG & PG Courses Teacher Coordinator in Techfest & Excelsior etc., Member of Grievance Committee, Discipline Committee, Anti Sexual Harassment Committee, Write off Committee, Member Admission Committee B.Tech & M.Tech CE, Proctorial Duties during Ratnawali & other cultural activities, Member Purchase Committee for Procurement of equipments under TEQIP-II, Member of Sessional Exam Committee, Educational Tour Teacher Coordinator, Member Website Committee, Teacher Coordinator in Talent Show, T@KNEEK, UIET Techfest, Alumni Meet MILAP, Pardisapradha etc.			committee member	proceeding, Deciding Unfair Means Cases of Exams, Inspection of colleges for affiliation, Maintaining Discipline, Admissions to B.Tech & M.Tech CE, TEQIP-II Procurement, conduct internal Sessional exam, Educational Tour, Maintaining Institute Website, Coordinating various activities in Talent Show, T@KNEEK, UIET Techfest, Alumni Meet MILAP, Sports etc.
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#### 8. Details of Academic Outreach Activities :

#	Academic Outreach Activities (photocopies of certificates are attached)	Year
1.	<b>SWAYAM ONLINE COURSE CERTIFICATION 12 WEEKS with 3 CREDITS</b>	<b>September 2020</b>
2.	Faculty Development Program (FDPs)/Short Term Courses (STCs)/Workshops etc.	2007 to 2024
3	Refresher Courses / Orientation Courses/ Induction Program	--do--

S.No.	Programme Participated	Duration	Organized by
1	Induction Training Program for Faculty of Engg. Colleges at UIET, Kurukshetra University, Kurukshetra.	1 <sup>st</sup> . To 12 <sup>th</sup> . March 2007 <b>NITTTR, Chandigarh</b>	National Institute of Technical Teachers' Training & Research, Chandigarh
2	Workshop on "Patent Awareness" at Kurukshetra University, Kurukshetra.	5 <sup>th</sup> . April 2008	Sponsored by DST Haryana & TIFAC, DST New Delhi
3	Orientation Course at UGC Academic Staff College, Kurukshetra University, Kurukshetra	19 <sup>th</sup> . July to 14 <sup>th</sup> . August 2010	UGC Academic Staff College Kurukshetra University KKR
4	Refresher Course in Information Technology at UGC Academic Staff College, Kurukshetra University, Kurukshetra	14 June to 14 July 2011	UGC Academic Staff College Kurukshetra University, Kurukshetra
5	Two weeks Faculty Development Programme on "Entrepreneurship" sponsored by NSTEDB/DST, Govt. of India.	8 <sup>th</sup> . to 22 <sup>nd</sup> . Jan. 2013	UIET, Kurukshetra University, Kurukshetra

6	One-Day Workshop on National e-Governance Plan (NeGP) sponsored by Dept. of Electx. And I.T. Technology, Ministry of Comm. & I.T, Govt. of India.	23 <sup>rd</sup> . April 2013	Automation & Electx. Information Management Cell, Kurukshetra University, Kurukshetra
7	MHRD's National Mission for Teachers Management Capacity Enhancement Programme	9 <sup>th</sup> . July to 18 <sup>th</sup> . July 2013 <b>IIM, INDORE</b>	IIM, Indore
8	Refresher Course in Information Technology	22-06-2015 to 11-07-2015	Academic Staff College, KUK
9	3-Days Workshop on MATLAB Software and its Application in Engineering	5 <sup>th</sup> . to 7 <sup>th</sup> . April 2016	Dept. UIET, Kurukshetra University, Kurukshetra
10	In – House Workshop on Flexible Electronics under Technical Education Quality Improvement Program-II of MHRD, Govt. of India.	28 <sup>th</sup> . to 30 <sup>th</sup> . April 2016	Dept. UIET, Kurukshetra University, Kurukshetra

S.No.	Programme Organized	Date(s)	Organized by	Organizing Committee
11	One week National Workshop on Research challenges & Innovations of tools in the domain of Computer Engineering	09-13 March,2015	Dept. of CSE UIET,KUK	Member Organizing Committee

S.No.	Programme Participated	Duration	Organized by
12	One week Short Term Course on “Cognitive Radio and Wireless Communication: Theory and Practice”, sponsored by MHRD (TEQIP-II) organized by Department of Electronics & Comm. Engg. UIET, KUK.	13 <sup>th</sup> . to 17 <sup>th</sup> . September 2016	Dept. UIET, Kurukshetra University, Kurukshetra
13	One Week Faculty Training in Android Developer Fundamentals by Google Developers at UIET, KUK	<b>Google</b> 2 <sup>nd</sup> . to 6 <sup>th</sup> . Jan. 2017	Google
14	<b>Three Weeks Refresher Course</b> cum Faculty Development Program sponsored by TEQIP-II equivalent to UGC Refresher Course approved by Hon'ble Vice-Chancellor KUK on “Recent Trends and Advances in Engineering & Technologies” organized by Department of Computer Sc. & Engg., UIET, Kurukshetra University, Kurukshetra.	9 <sup>th</sup> . to 30 <sup>th</sup> . January 2017 <b>Grade – A (75% to 100%)</b>	Dept. Computer Sc. & Engg., UIET, KUK.
15	One Week Short Term Course sponsored by TEQIP-II on “Cloud Computing & Internet of Things” organized by Dept. of Computer Sc. & Engg., UIET, Kurukshetra University, Kurukshetra	14 <sup>th</sup> . March to 19 <sup>th</sup> . March 2017	Dept. Computer Sc. & Engg., UIET, KUK.
16	One Week hands-on Workshop on SWEBOK based Foundation Modules at UIET, Kurukshetra University, Kurukshetra.	20 <sup>th</sup> . March to 24 <sup>th</sup> . March 2017	IEEE Computer Society, Mysore, Director-India Operations

17	One Week Course on “The Internet of Things For A Connected Future” at National Institute of Technology Kurukshetra under Global Initiative For Academic Networks (GIAN), MHRD, Govt. of India.	2 <sup>nd</sup> . to 6 <sup>th</sup> . December 2017 <b>NIT Kurukshetra</b>	NIT Kurukshetra under GIAN, MHRD, Govt. of India Course Faculty : Professor San Murugesan <b>Western Sydney University, Australia</b>
18	One Week Faculty Enablement Program on “Big Data and Analytics” conducted by Infosys Limited at Pune Development Center through Campus Connect, Education & Training, Infosys Limited.	18 <sup>th</sup> . to 22 <sup>nd</sup> . December 2017 <b>Grade awarded with A+ score &gt; 80%</b> <b>Infosys Ltd., PUNE</b>	Infosys Campus Connect <b>Infosys Limited, Pune</b>
19	One Day Workshop on “IP Awareness Programme on National IPR Policy 2016” organized by ASSOCHAM, Kurukshetra University and IP Office at Kurukshetra University, Kurukshetra.	11 <sup>th</sup> . January 2018	ASSOCHAM India
20	One Week Short Term Course on “Advanced Optimization Techniques For Engineering Application” organized by Dept. of Computer Engg., National Institute of Technology Kurukshetra.	13 <sup>th</sup> . January to 17 <sup>th</sup> . January 2018 <b>NIT Kurukshetra</b>	Dept. Computer Engg., National Institute of Technology (NIT), Kurukshetra.
21	One Day Workshop on “Consultation on Siemens Centre of Excellence for Industry Relevant Skill Development” organized by NIT Kurukshetra..	10 <sup>th</sup> . March 2018 <b>NIT Kurukshetra</b>	National Institute of Technology, Kurukshetra.
22	One Week Short Term Course on “Sustainable Renewable Energy: Science, Technology and Development” sponsored by MHRD under TEQIP-II organized by Mechanical Engg. Dept. UIET, KUK	19 <sup>th</sup> . March to 25 <sup>th</sup> . March 2018	Dept. Mechanical Engg., UIET, Kurukshetra University, Kurukshetra
23	One Week Short Term Course on “Recent Trends in Nano-Electronics and VLSI” organized by IEEE Electron Devices Society Delhi Chapter and Dept. of Electronics & Communication Engg., National Institute of Technology Kurukshetra.	18 <sup>th</sup> . December to 22 <sup>nd</sup> . December 2018 <b>NIT Kurukshetra</b>	IEEE Electron Devices Society Delhi Chapter and Dept. of Electronics & Communication Engg., NIT Kurukshetra.
24	One Week Faculty Development Program on “Artificial Intelligence and Machine Learning” MHRD sponsored under the scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching by Govt. owned Veermata Jijabai Technological Institute (VJTI), Mumbai.	24 <sup>th</sup> . December to 29 <sup>th</sup> . December 2018 <b>VJTI, Mumbai</b>	MHRD sponsored under the scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching VJTI, Mumbai (Maharastra)
25	One Day Program on “Data Analytics” organized by Acadgild Bengaluru at National Institute of Technology Kurukshetra.	1 <sup>st</sup> . November 2018	Acadgild Bengaluru at National Institute of Technology Kurukshetra
26	One Week National Level Workshop on “Deep Learning and Internet of Things (IoT)” sponsored by TEQIP-II organized by Department of Electronics & Communication Engineering UIET, Kurukshetra University Kurukshetra.	15 <sup>th</sup> . January to 18 <sup>th</sup> . January 2019	Sponsored by TEQIP-II organized by Department of ECE, UIET, Kurukshetra University Kurukshetra.

27	One Day Awareness Workshop on Intellectual Property Rights organized by IPR Cell, KUK; Patent Office, Government of India, New Delhi and ASSOCHAM at Kurukshetra University, Kurukshetra.	19 <sup>th</sup> . January 2019	IPR Cell, KUK; Patent Office, Government of India, New Delhi and ASSOCHAM at Kurukshetra University, Kurukshetra.
28	Five Days Online FDP TEQIP III sponsored on Faculty Development for New Tomorrow: Readiness for Teaching and Learning post COVID-19 by NIT UK & SLIET Longowal	24 <sup>th</sup> .-28 <sup>th</sup> . July 2020 <b>SLIET Longowal (Pb.)</b>	Sponsored by TEQIP-III organised by Dept. Of Electrical Engg. NIT UK & SLIET Longowal
29	ATAL Academy FDP “Robotics” by AICTE Training & Learning at UIET, Kurukshetra University, Kurukshetra	14 <sup>th</sup> . Oct. – 18 <sup>th</sup> . Oct. 2019	Dept. UIET, Kurukshetra University, Kurukshetra
30	Six Days Faculty Enablement Program “InfyTQ based Foundation Program” held online using Webinar platform by Infosys Ltd.	12 <sup>th</sup> . – 19 <sup>th</sup> . July 2019 <b>Infosys Ltd.</b>	<b>Infosys Ltd.</b> <b>Online Webinar Platform</b>
31	Six days FDP on “Research Trends in AI and Mobile Systems” by Dept. Of Computer Sc. & Engg., NIT Hamirpur	16 <sup>th</sup> .—21 <sup>st</sup> . Dec. 2019 <b>NIT Hamirpur (H.P)</b>	Dept. CSE, NIT Hamirpur (H.P)
32	One Week FDP on “Entrepreneurship Development” by DCSA Dept. Kurukshetra University, Kurukshetra.	21 <sup>st</sup> .—25 <sup>th</sup> . Sept. 2019	Dept. DCSA, Kurukshetra University, Kurukshetra
33	One Day Workshop on “Research Methodology & Collaboration” organised by Dept. of Instrumentation, K.U Kurukshetra.	14 <sup>th</sup> . Dec. 2019	Sponsored by TEQIP_III(1.3) by Dept. of Instrumentation, K.U Kurukshetra
34	One Week Live Online Webinar & Certification on “Outcome Based Education & NBA Accreditation” by UIET KUK & ESCI Hyderabad.	6 <sup>th</sup> .—10 <sup>th</sup> . July 2020 ESCI <b>Hyderabad</b>	<b>Engg. Staff College of INDIA, Hyderabad</b>
35	One Week FDP on “Designing Pedagogies for Online Teaching & Learning” organised by Computer Engg. Dept. NIT, Kurukshetra	10 <sup>th</sup> .—14 <sup>th</sup> . August 2020	Dept. Computer Engg., NIT Kurukshetra
36	One Week Live Online FDP on “E-Content Development” conducted by Engineering Staff College of India, Hyderabad	18 <sup>th</sup> .—22 <sup>nd</sup> . August 2020 <b>ESCI Hyderabad</b>	<b>Engg. Staff College of India Hyderabad</b>
37	Five Days Skill Development Program on “Big Data Analytics and Business Intelligence” organised by Dept. of Computer Sc. & Engg. Of Nehru Inst. Of Engg. & Tech. Coimbatore, Tamil Nadu.	27 <sup>th</sup> .Sept. to 1 <sup>st</sup> . Oct. 2021 <b>Coimbatore</b>	Dept. CSE, Nehru Institute of Engg. & Technology, <b>Coimbatore, Tamil Nadu</b>
38	One Week Live Online FDP on “Artificial Intelligence and Machine Learning” by Dept. of Computer Sc. & Engg. Gautam Buddha University, Greater Noida (U.P)	8 <sup>th</sup> . April to 13 April 2024	Dept. CSE, Gautam Buddha University, Greater Noida

**And many others FDP/STC from NITs.**

## **9. Awards/ Honors/ Distinction : As Mentor**

**SMART INDIA HACKATHON (SIH) August 2022 -- WINNER**

**UNESCO-AFRICA-INDIA HACKATHON November 2022 GOLD MEDAL with 3 Lac Prize**

**Appreciation by Hon'ble Vice-Chancellor of Kurukshetra University on Engineer's Day 15 Sept. 2022**

## **10. Other activities/responsibilities (academic/administrative):**

1. Acted as Presiding Officer in Lok Sabha and Vidhan Sabha Elections
2. Hon'ble Vice-Chancellor appointed me as member of UMC Committee
3. Dean of Colleges appointed me as Member of Inspection Committee for affiliated colleges
  - 3.1 Doon Valley College of Engg. Karnal
  - 3.2 B L S Institute of Engg. & Tech. Igrah, Jind
  - 3.3 RPIIT, Karnal
  - 3.4 Ganpati Institute of Technology & Management. Bilaspur
  - 3.5 ICL Institute of Engg. & Technolgy, Shahzadpur
  - 3.6 Geeta Institute of Management & Technology, Kanipla
  - 3.7 Haryana Engineering College, Jagadhari
  - 3.8 R.N College of Engineering & Technology, Panipat
  - 3.9 Swami Devi Dyal Institute of Engg. & Technology, Barwala
4. Chairperson BOS approved me as Member of UG & PG Programs in Board of Studies
5. Member of Program Committee in SCOPUS Indexed IEEE 5<sup>th</sup>. International Conference on Parallel, Distributed & Grid Computing, 20<sup>th</sup>. to 22<sup>nd</sup>. December 2018.

## **11. Other Information :**

**NCC Certification and others responsibilities in University.**