



Current Position: Associate Professor
Department of Computer Science & Engineering,
U.I.E.T., Kurukshetra University, Kurukshetra-136119, (India)
Research Publications:
Email: er_jangra@yahoo.co.in
Email 2: ajangra2015@kuk.ac.in
Mobile: +91-9466027922
Office: 01744-239155

Lt. (Dr.) AJAY JANGRA

ACADEMIC QUALIFICATIONS:

- » Ph.D. in Computer Science and Engineering from MM (DU) Mullana Ambala. Dissertation title " An Efficient Hybrid Technique of Load Balancing in Cloud Computing Environment"
- » M.Tech. (Computer Science and Engineering) with "Distinction" and First Division, From Y.M.C.A. Faridabad, (Haryana) affiliated to M.D.U. in 2004. Dissertation title: "An optimal algorithm for Hierarchical-Adaptive Distributed System Level Diagnosis: Hi-ADSD".
- » B.Tech. (Electronics and Communication Engineering) with First Division, from Kurukshetra University, Kurukshetra in 2001.
- » Masters in Business Administration (MBA- Information Technology) with First Division, from Guru Jambheshwer University, Haryana by distance education in 2008.
- » L.L.B. (Evening Session) with First Division, from Kurukshetra University in 2015.
- » 12th(Non-Medical) with First Division, from Shree Mad-bhagwat Geeta Senior Secondary School, Kurukshetra, Haryana. (Affiliated to Board of School Education Haryana, Bhiwani) in 1996.
- » 10thwith First Division, from Shree Mad Bhagwat Geeta Senior Secondary School, Kurukshetra, Haryana. (Affiliated to Board of School Education Haryana, Bhiwani) in 1994.

WORK EXPERIENCE:

- » Presently working as Associate Professor and Head of the Department of Computer Science and Engineering, University Institute of Engineering and Technology, Kurukshetra University Kurukshetra, Haryana from July 2007 to till date.
- » Head of Department/Associate NCC Officer, Department of NCC, UIET Kurukshetra University Kurukshetra
- » Worked as Assistant Professor in the Department of Information and Technology, Maharishi Markandeshwar Engineering college Mullana Ambala (now known as MMU, Maharishi Markandeshwar Deemed-to-be-University) from Aug.2004 to July 2007

ADMINISTRATIVE EXPERIENCE:

- » Member of Board of Studies (UG/PG), Department of Computer Science and Engineering, University Institute of Engineering and Technology, Kurukshetra University
- » Worked for the inclusion of the institute under section 2(f) & 12(B) of the UGC act during 2013-14.
- » M. Tech. (CE) course coordinator and member of the National Board of Accreditation(NBA) committee of the institute.
- » Performed duties as member of admission committee (UG& PG) of UIET, KUK
- » Awarded as "TOP 100 ENGINEERS-2015" on 14th August 2015, by International Biographic Center, Cambridge, England.
- » Listed member of Marquis Who's Who Directory, 430 Mountain Avenue, Suite 400, New Providence, NJ 07974.
- » Contributed as Convener for AICTE approval committee for UIET for, 2011-12, 2012-13 and 2013-14 and all the B.Tech and M.Tech courses running at UIET get AICTE approval.
- » Contributed as Contingent Incharge, cultural activities UTD, KUK for 2011-12, 2012-13. Team won Overall TROPHY in RATNAWALI state level fest in 2011-12 and 2012-13, Zonal Youth Fest, in 2011-12 and 2012-13.
- » Officer Incharge, Sanitation Department, Kurukshetra University, Kurukshetra, INDIA.
- » Founder Incharge of NCC, UIET Kurukshetra University, Kurukshetra
- » Performed duties as member of various inspection committee of Kurukshetra University.
- » Member Startup Cell/Innovation and Incubation Cell, UIET, KUK 2019-20 onwards.

RESEARCH AREAS:

- » High Performance Computing and Networking
- » Mobile Ad-Hoc and Wireless Sensor Networks
- » Cloud Computing
- » Smart HealthCare
- » Internet of Things (IoT)
- » Cyber Security and Data Privacy

PUBLICATION:

- » 8 Patents (Indian/International Level) have been Published.
- » 114 Research Paper Published in International Journals/ Conferences/ Book Chapter indexed with International Repute Data Base
- » 08 Paper Published in National Level Journals/ Conferences/ Seminars

DISSERTATION AND PROJECT SUPERVISED

Guided 43 M.Tech. Dissertation and 250+ B.Tech. Students for Minor/ Major Projects.

SEMINARS/WORKSHOPS/FDP/STC ATTENDED/ORGANIZED:

Convener in TEQIP-II Sponsored Short Term Course on "Cloud Computing and Internet of Things" organized by Department of Computer Science and Engineering, University Institute of Engineering and Technology, Kurukshetra University from 14th -19th March 2017.
Member Secretary of 1st National Conference in Recent Trends in Information and Communication Technology, oct2005 at MMEC, Mullana.

Member of Organizing Committee of 1st National Conference on Converges Technologies beyond 2020, April 2011 at UIET, KUK.

Chaired the Technical Session in UGC sponsored National Seminar on Roll of ICT in Higher Education at SML (PG) College, Jhunjhunu Rajasthan in Jan.2012.

Chaired a Technical Session in 5th International Conference on Advanced Computing & Communication Technologies (ACCT 2015), 21st to 22nd Feb 2015 at Gymkhana Club, Sector 4, Rohtak, Organized by RG Education Society, INDIA.

Chaired a Special Session on "Cloud Computing and Internet of Things" (CCIoT) in IEEE 4th International conference on 'Signal Processing, Computing and Control (ISPCC-2017)', organized by Department of Electronics and Communication Engineering, Jaypee University of Information Technology, Himachal Pradesh, India, from 21st to 23rd September, 2017

Chaired the Technical Session in International Conference on Advances in Mechanical and Computer Engineering ICAMCE-2013 Organized by Ganpati Institute of Technology and Management- Bilaspur Haryana. Dated Jan 18-19, 2013.

Chaired a Technical Session in 5th IEEE International conference on 'Signal Processing, Computing and Control (ISPCC-2019)', organized by Department of Electronics and Communication Engineering, Jaypee University of Information Technology, Himachal Pradesh, India, from 10th to 12th October, 2019.

Chaired a Technical Session in 1st International Conference on Mobile Radio Communications and 5G Networks (MRCN – 2020)', to be held online in University Institute of Engineering & Technology, Kurukshetra University, Kurukshetra, Haryana on July 13th-15th, 2020.

PUBLICATION:

- » 8 Patents (Indian/International Level) have been Published.
- » 114 Research Paper Published in International Journals/ Conferences/ Book Chapter indexed with International Repute Data Base
- » 08 Paper Published in National Level Journals/ Conferences/ Seminars

DISSERTATION AND PROJECT SUPERVISED

Guided 43 M.Tech. Dissertation and 250+ B.Tech. Students for Minor/ Major Projects.

SEMINARS/WORKSHOPS/FDP/STC ATTENDED/ORGANIZED:

Convener in TEQIP-II Sponsored Short Term Course on "Cloud Computing and Internet of Things" organized by Department of Computer Science and Engineering, University Institute of Engineering and Technology, Kurukshetra University from 14th -19th March 2017.
Member Secretary of 1st National Conference in Recent Trends in Information and Communication Technology, oct2005 at MMEC, Mullana.

Member of Organizing Committee of 1st National Conference on Converges Technologies beyond 2020, April 2011 at UIET, KUK.

Chaired the Technical Session in UGC sponsored National Seminar on Roll of ICT in Higher Education at SML (PG) College, Jhunjhunu Rajasthan in Jan.2012.

Chaired a Technical Session in 5th International Conference on Advanced Computing & Communication Technologies (ACCT 2015), 21st to 22nd Feb 2015 at Gymkhana Club, Sector 4, Rohtak, Organized by RG Education Society, INDIA.

Chaired a Special Session on "Cloud Computing and Internet of Things" (CCIoT) in IEEE 4th International conference on 'Signal Processing, Computing and Control (ISPCC-2017)', organized by Department of Electronics and Communication Engineering, Jaypee University of Information Technology, Himachal Pradesh, India, from 21st to 23rd September, 2017

Chaired the Technical Session in International Conference on Advances in Mechanical and Computer Engineering ICAMCE-2013 Organized by Ganpati Institute of Technology and Management- Bilaspur Haryana. Dated Jan 18-19, 2013.

Chaired a Technical Session in 5th IEEE International conference on 'Signal Processing, Computing and Control (ISPCC-2019)', organized by Department of Electronics and Communication Engineering, Jaypee University of Information Technology, Himachal Pradesh, India, from 10th to 12th October, 2019.

Chaired a Technical Session in 1st International Conference on Mobile Radio Communications and 5G Networks (MRCN – 2020)', to be held online in University Institute of Engineering & Technology, Kurukshetra University, Kurukshetra, Haryana on July 13th-15th, 2020.

PROFESSIONAL COURSES ATTENDED:

- » Attended a Two week course on D.C.S. at Yokogawa, Bangalore. Knowledge of yokogawa D.C.S. i.e. C.S.-3000 for implementation logics, control and MMI.
- » Attended a Two Week faculty development course organized by AICTE at MMEC mullana..
- » Attended a Four Week UGC Orientation Program organized by Academic Staff Collage at Kurukshetra University, Kurukshetra in 2010.

RESEARCH AREAS:

- » High Performance Computing and Networking
- » Mobile Ad-Hoc and Wireless Sensor Networks
- » Cloud Computing
- » Smart HealthCare
- » Internet of Things (IoT)
- » Cyber Security and Data Privacy

PUBLICATION:

- » 8 Patents (Indian/International Level) have been Published.
- » 114 Research Paper Published in International Journals/ Conferences/ Book Chapter indexed with International Repute Data Base
- » 08 Paper Published in National Level Journals/ Conferences/ Seminars

DISSERTATION AND PROJECT SUPERVISED

Guided 43 M.Tech. Dissertation and 250+ B.Tech. Students for Minor/ Major Projects.

SEMINARS/WORKSHOPS/FDP/STC ATTENDED/ORGANIZED:

Convener in TEQIP-II Sponsored Short Term Course on "Cloud Computing and Internet of Things" organized by Department of Computer Science and Engineering, University Institute of Engineering and Technology, Kurukshetra University from 14th -19th March 2017.
Member Secretary of 1st National Conference in Recent Trends in Information and Communication Technology, oct2005 at MMEC, Mullana.

Member of Organizing Committee of 1st National Conference on Converges Technologies beyond 2020, April 2011 at UIET, KUK.

Chaired the Technical Session in UGC sponsored National Seminar on Roll of ICT in Higher Education at SML (PG) College, Jhunjhunu Rajasthan in Jan.2012.

Chaired a Technical Session in 5th International Conference on Advanced Computing & Communication Technologies (ACCT 2015), 21st to 22nd Feb 2015 at Gymkhana Club, Sector 4, Rohtak, Organized by RG Education Society, INDIA.

Chaired a Special Session on "Cloud Computing and Internet of Things" (CCIoT) in IEEE 4th International conference on 'Signal Processing, Computing and Control (ISPCC-2017)', organized by Department of Electronics and Communication Engineering, Jaypee University of Information Technology, Himachal Pradesh, India, from 21st to 23rd September, 2017

Chaired the Technical Session in International Conference on Advances in Mechanical and Computer Engineering ICAMCE-2013 Organized by Ganpati Institute of Technology and Management- Bilaspur Haryana. Dated Jan 18-19, 2013.

Chaired a Technical Session in 5th IEEE International conference on 'Signal Processing, Computing and Control (ISPCC-2019)', organized by Department of Electronics and Communication Engineering, Jaypee University of Information Technology, Himachal Pradesh, India, from 10th to 12th October, 2019.

Chaired a Technical Session in 1st International Conference on Mobile Radio Communications and 5G Networks (MRCN – 2020)', to be held online in University Institute of Engineering & Technology, Kurukshetra University, Kurukshetra, Haryana on July 13th-15th, 2020.

PROFESSIONAL COURSES ATTENDED:

- » Attended a Two week course on D.C.S. at Yokogawa, Bangalore. Knowledge of yokogawa D.C.S. i.e. C.S.-3000 for implementation logics, control and MMI.
- » Attended a Two Week faculty development course organized by AICTE at MMEC mullana..
- » Attended a Four Week UGC Orientation Program organized by Academic Staff Collage at Kurukshetra University, Kurukshetra in 2010.

INVOLVEMENT IN DEPARTMENT LABORATORY DEVELOPMENT:

- » Established Cloud Computing Lab in UIET
- » Established Computer Network Lab in UIET
- » Established Computer labs of B.Tech CSE (AI & ML)