

Expert Talks Delivered by Faculty

Name of Faculty	Title of Talk	Event Name	Organised By	Date	Level	Academic Year
Jagdeep singh	Machine Learning with Weka Tool	Recent Trends in Image Processing Techniques	GNDEC, Ludhaina	31/12/ 2019	National	2019-2020
Jagdeep singh	Big Data Analytics Using Python	FDP on Big Data Analytics Using Machine Learning Techniques	SBSST, Ferozepur	12/12/ 2019	National	2019-2020
Amit Kamra	Writing a World Class Reserach Paper	FDP on Recent Trends In Image Processing	GNDEC Ludhiana	1/5/2019	National	2019-2020
Amit Kamra	ICT in Academics	FDP on ICT in Academics	NITTTR Chandigarh	7/5/2019	National	2018-2019
Amit Kamra	Transforming Machine Lering Data using WEKA	FDP onMachine Learning	QIP Sponsored GNDEC	2/5/2019	National	2018-2019
Pankaj Bhambri	Role of HPC in Bioinformatics	QIP-Sponsored Short Term Course on "AI, Big Data and HPC Aligned Applications – A Modern Approach of Computing"	GNDEC, Ludhiana	2/1/2019	National	2018-2019
Sandeep Kumar Singla	Big Data Analytics using R	QIP Short Term Course on "AI, Big Data and HPC Aligned Applications - A Modern Approach of Computing	Guru Nanak Dev Engineering College Ludhiana, Punjab – 141006	1/1/2019	National	2018-19
Kiran Jyoti	Overview of Big Data	AI, Big Data and HPC aligned applications-A Modern approach of Computing	GNDEC, Ludhiana	31/12/2018	National	2018-2019
Jagdeep singh	Data Mining Tools	AICTE Sponsored FDP Research Opportunities in Medical Imaging, Biomedical Engineering and Health Informatics	GNDEC, Ludhaina	23/10/ 2017	National	2017-2018
Akshay Girdhar	Programme Outcomes (POs) and Course Outcomes (COs) and Mapping of PEOS, POs and COs	Faculty development programme on "Accreditation by NBA for Technical Institutions"	National Institute of Technical Teachers Training and Research(NITTR), Chandigarh	26/09/2017	National	2017-2018
Akshay Girdhar	Instructional Methods for Outcome Based Learning	Faculty development programme on "Effective Technical Writing using LaTeX"	Baba Banda Singh Bhadur Engineering College, Fatehgarh Sahib	04/07/2017	National	2017-2018
Akshay Girdhar	Outcome based Accreditation Awareness	One Day Workshop on "Process of NAAC Accreditation"	I.K. Gujral Punjab Technical University, Kapurthla	26/07/2017	National	2017-2018
Akshay Girdhar	Plagiarism in Research	QIP short term course on "Optimization, life enhancement of Bio-medical implants by additive	Department of PE, Guru Nanak Dev Engineering College, Ludhiana	07/09/2017	National	2017-2018
Akshay Girdhar	Plagiarism and Academic Honesty	Faculty Development Program on "Research Opportunities in Medical Imaging, Biomedical	Department of IT, Guru Nanak Dev Engineering College, Ludhiana	24/10/2017	National	2017-2018
Manpreet Singh	Importance of Bioinformatics in Upcoming world		Guru Nanak Institute of Management and Technology	11/10/2017	National	2017-2018
Manpreet Singh	Research Opportunities in Bioinformatics	AICTE sponsored Faculty Development Programme on Research Opportunities in Medical Imaging, Biomedical	Department of Information Technology, Guru Nanak Dev Engineering College	26/10/2017	National	2017-2018
Amit Kamra	Medical Imaging	AICTE sponsored FDP on Research Opportunities in Medical Imaging, Biomedical Engineering and Health	Guru Nanak Dev Engineering College, Ludhiana	25/10/2017	National	2017-2018
Akshay Girdhar	Assessment Tools and Methods in Contextof Outcome Based Education	STC on "Accreditation of Programmes"	National Institute of Technical Teachers Training and Research(NITTR), Chandigarh	09/06/2017	National	2016-2017
Amit Kamra	Biomedical Implants: Corrosion and prevention	AICTE sponsored FDP on Waste Management by Additive Manufacturing	Guru Nanak Dev Engineering College, Ludhiana	13/10/2016	National	2016-2017
Jagdeep singh	Unified Modeling Language	Expert Talks Organsied by Department of Infrmation Technology	GNDEC, Ludhaina	22/10/ 2015	National	2015-2016
Mohanjit Kaur	Telemedicine : scope and impact on society	Telemedicine : scope and impact on society	GNDEC, Ludhaina	12/10/20165	National	2015-2016

Pankaj Bhambri	Ethical, Social and Environmental Liabilities to the Researchers	TEQIP-II Sponsored Faculty Development Programme on "Computing Tools to Facilitate Multidisciplinary Research"	GNDEC, Ludhiana	26/5/2016	National	2015-2016
Akshay Girdhar	The Art of Designing Student Examination Papers using Revised	Faculty Development Activity	Malout Institute of Management & Information Technology, Malout	10/13/2015	National	2015-2016
Akshay Girdhar	NAAC Accreditation - An Overview	Faculty Development Activity	Malout Institute of Management & Information Technology, Malout	10/13/2015	National	2015-2016
Akshay Girdhar	Role of Revised Bloom's Taxonomy in Setting of Question Paper	Faculty Development Activity	Guru Nanak Dev Engineering College, Ludhiana	10/29/2015	National	2015-2016
Akshay Girdhar	Design of Curriculum for Outcome-based Education	Faculty Development Activity	Guru Nanak Dev Engineering College, Ludhiana	11/27/2015	National	2015-2016
Akshay Girdhar	Course Outcomes and Direct Assessment Tools	Three days workshop on "Quality Initiatives in Technical Educational Institutions"	Guru Nanak Dev Engineering College, Ludhiana	12/24/2015	National	2015-2016
Akshay Girdhar	Program Curriculum and Programme Outcomes	Three days workshop on "Quality Initiatives in Technical Educational Institutions"	Guru Nanak Dev Engineering College, Ludhiana	12/24/2015	National	2015-2016
Akshay Girdhar	Vision, Mission, and Programme Education Objectives	Three days workshop on "Quality Initiatives in Technical Educational Institutions"	Guru Nanak Dev Engineering College, Ludhiana	12/24/2015	National	2015-2016
Akshay Girdhar	Indirect Assessment Tools	Three days workshop on "Quality Initiatives in Technical Educational Institutions"	Guru Nanak Dev Engineering College, Ludhiana	12/25/2015	National	2015-2016
Akshay Girdhar	Plagiarism : its Role in Research	Two Week Faculty Development Programme on "Waste Management and Optimization"	Guru Nanak Dev Engineering College, Ludhiana	1/2/2016	National	2015-2016
Akshay Girdhar	NBA Accreditation-An Overview	One day workshop on "Outcome Based Process of Accreditation (in compliance with NBA)"	Lala Lajpat Rai Institute of Engineering & Technology, Moga	05/09/2015	National	2015-2016
Akshay Girdhar	Role of Stakeholders in Defining Vision, Mission and Programme	One day workshop on "Outcome Based Process of Accreditation (in compliance with NBA)"	Lala Lajpat Rai Institute of Engineering & Technology, Moga	05/09/2015	National	2015-2016
Akshay Girdhar	Process of Defining Programme Outcomes and Course Outcomes	One day workshop on "Outcome Based Process of Accreditation (in compliance with NBA)"	Lala Lajpat Rai Institute of Engineering & Technology, Moga	05/09/2015	National	2015-2016
Akshay Girdhar	Role of Assessment Tools in Outcome Based Education	One day workshop on "Outcome Based Process of Accreditation (in compliance with NBA)"	Lala Lajpat Rai Institute of Engineering & Technology, Moga	05/09/2015	National	2015-2016
Akshay Girdhar	Plagiarism: How to Detect & Avoid it	Faculty Development Activity	Baba Farid Group of Institutions, Bathinda	03/09/2015	National	2015-2016
Akshay Girdhar	NBA Accreditation - An Introduction	Faculty Development Activity	Malout Institute of Management & Information Technology, Malout	14/07/2015	National	2015-2016
Akshay Girdhar	Criteria for Outcome Based Accreditation	Faculty Development Activity	Malout Institute of Management & Information Technology, Malout	14/07/2015	National	2015-2016
Akshay Girdhar	Relevance of Co-curricular and Extracurricular Activities in the Programme Accreditation	Faculty Development Activity	Malout Institute of Management & Information Technology, Malout	14/07/2015	National	2015-2016
Akshay Girdhar	Implementation of Assessment Tools for Outcome based Education	Faculty Development Activity	Malout Institute of Management & Information Technology, Malout	14/07/2015	National	2015-2016
Akshay Girdhar	Role of Outcome Based Model in Education	Faculty Development Activity	Baba Farid Group of Institutions, Bathinda	14/05/2015	National	2015-2016
Akshay Girdhar	Plagiarism : its Role in Research	Faculty Development Programme on "Waste Management and Optimization Techniques"	Guru Nanak Dev Engineering College, Ludhiana	02/01/2016	National	2015-2016
Akshay Girdhar	Bloom's Taxonomy in mapping COs and POs	Faculty and Student Development Activity	Guru Nanak Dev Engineering College, Ludhiana	15/03/2016	Institute	2015-2016
Akshay Girdhar	Handling Plagiarism issues in Research	Faculty Development Programme on "Computing Tools to Facilitate Multidisciplinary Research"	Guru Nanak Dev Engineering College, Ludhiana	17/05/2016	National	2015-2016
Akshay Girdhar	Constituents of Outcome based		Sant Longowal Institute of Engineering & Technology,	/02/2016	National	2015-2016

Akshay Girdhar	Moving towards Outcome based Curriculum		Sant Longowal Institute of Engineering & Technology, Longowal	/02/2016	National	2015-2016
Akshay Girdhar	Software Based Direct and Indirect Assessment Tools in for Measuring Attainment of Course		Sant Longowal Institute of Engineering & Technology, Longowal	/02/2016	National	2015-2016
Akshay Girdhar	An Overview of Outcome-Based Education		Beant College of Engineering & bTechnology, Gurdaspur	/02/2016	National	2015-2016
Akshay Girdhar	Outcome Based Education Awareness (covering Vision, Mission, Programme Education)		DAV Institute of Engineering & Technology, Jalndhar	/02/2016	National	2015-2016
Kulvinder Singh Mann	Need of Ethical and Moral Values for IT Professionals	Three Days AICTE Sponsored STC on "Universal Human Values Development in Students through Curriculum	Guru Nanak Dev Engineering College, Ludhiana	19/04/2016	National	2015-2016
Manpreet Singh	Bioinformatics and Applications	For Faculty Members of IT Department GNDEC Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	19/10/2015	National	2015-2016
Manpreet Singh	Computational Biology and related Tools	One Week Technical Education Quality Improvement Programme-II Sponsored Short Term Course on Title	Guru Nanak Dev Engineering College, Ludhiana	19/05/2016	National	2015-2016
Kiran Jyoti	Social Computing tools and their Applications	One Week Technical Education Quality Improvement Programme-II Sponsored Short Term Course on Title	Guru Nanak Dev Engineering College, Ludhiana	23/05/2016	National	2015-2016
Ajay Shiv Sharma	Free and Open Source Solutions - Make it happen in INDIA		Lala Lajpat Rai Institute of Engineering & Technology, Moga	03/11/2015	National	2015-2016
Ajay Shiv Sharma	Research Issues for Beginners		Bhai Maha Singh College of Engineering, Muktsar	01/12/2015	National	2015-2016
Ajay Shiv Sharma	Research Concerns		D.A.V. Institute of Engineering and Technology, Jalandhar	21/12/2015	National	2015-2016
Amit Kamra	Research Trends in Image Processing	Faculty Development Program on Image Processing and its Applications	Lala Lajpat Rai Institute of Engineering and Technology, Moga	12/07/2015	National	2015-2016
Amit Kamra	Biometric Techniques using Image Processing Toolbox in MATLAB	One Week Technical Education Quality Improvement Programme-II Sponsored Short Term Course on Title	Guru Nanak Dev Engineering College, Ludhiana	19/05/2016	National	2015-2016
Sidharth Jain	Growth of IT Industry in India		Guru Nanak Dev Engineering College, Ludhiana	14/10/2015	National	2015-2016
Akshay Girdhar	Adaptive-Neighborhood Visual Enhancement Technique for Medical Ultrasound Images	Faculty Development Programme on "Image Processing and Its Applications"	Lala Lajpat Rai Institute of Engineering & Technology, Moga	11/06/2015	National	2014-2015
Akshay Girdhar	Region-based Adaptive Contrast Enhancement Technique for Medical	Faculty Development Programme on "Image Processing and Its Applications"	Lala Lajpat Rai Institute of Engineering & Technology, Moga	11/06/2015	National	2014-2015
Akshay Girdhar	Assessment Tools for Outcome Based Accreditation	STTP on "Institutional Accreditation (NBA Guidelines) and Quality Management"	EDIC Department of NITTTR, Chandigarh at MIMIT, Malout	14/05/2015	National	2014-2015
Akshay Girdhar	Committee Visit & Procedure Followed for Accreditation	STTP on "Institutional Accreditation (NBA Guidelines) and Quality Management"	EDIC Department of NITTTR, Chandigarh at MIMIT, Malout	14/05/2015	National	2014-2015
Akshay Girdhar	Chaired Technical Session-XII	National Conference on Role of Information Technology in Management & Engineering: Issues and Prospects	Malout Institute of Management & Information Technology, Malout	28/03/2015	National	2014-2015
Akshay Girdhar	NBA Accreditation-An Introduction	One-day workshop on "Essentials for NBA Accreditation"	Giani Zail Singh PTU Campus, Bathinda	28/11/2014	National	2014-2015
Akshay Girdhar	Criteria for Outcome Based Accreditation	One-day workshop on "Essentials for NBA Accreditation"	Giani Zail Singh PTU Campus, Bathinda	28/11/2014	National	2014-2015

Akshay Girdhar	Process for Defining Vision, Mission, Programme Education Objectives, Programme Outcomes and Course Outcomes	One-day workshop on "Essentials for NBA Accreditation"	Giani Zail Singh PTU Campus, Bathinda	28/11/2014	National	2014-2015
Akshay Girdhar	Assessment Tools for Outcome Based Education	One-day workshop on "Essentials for NBA Accreditation"	Giani Zail Singh PTU Campus, Bathinda	28/11/2014	National	2014-2015
Akshay Girdhar	NBA Awareness	Faculty Development Activity	Lala Lajpat Rai Institute of Engineering & Technology, Moga	02/10/2014	National	2014-2015
Akshay Girdhar	Overview of NBA Accreditation	Mock activity of NBA as an Expert Evaluator	Shaheed Bhagat Singh State Technical Campus, Ferozpur	14/08/2014	National	2014-2015
Akshay Girdhar	Assessment Tools for Outcome Based Accreditation	Mock activity of NBA as an Expert Evaluator	Shaheed Bhagat Singh State Technical Campus, Ferozpur	14/08/2014	National	2014-2015
Kulvinder Singh Mann	Aspects of Software Engineering	Seminar for B.Tech. Students	Sri Sai College of Engineering and Technology, Pathankot	14/09/2014	National	2014-2015
Kulvinder Singh Mann	Tools of Data Management	Seminar for B.Tech. Students	Sri Sai College of Engineering and Technology, Pathankot	02/06/2015	National	2014-2015
Kulvinder Singh Mann	Research Methodologies	Seminar for Faculties	Sri Sai College of Engineering and Technology, Pathankot	15/03/2015	National	2014-2015
Kulvinder Singh Mann	Web Enabled Services	Seminar for B.Tech. Students	Sri Sai College of Engineering and Technology, Pathankot	18/02/2015	National	2014-2015
Kulvinder Singh Mann	Research Methodologies	Seminar for Faculties	Lobourgh University, United Kingdom		International	2014-2015
Kulvinder Singh Mann	Software Engineering	Seminar for M.Tech. Students	RIMT College of Engineering and Technology, Mandi Gobindgarh	20/02/2015	National	2014-2015
Kulvinder Singh Mann	Code Cloning Detection	Seminar for M.Tech. Students	RIMT College of Engineering and Technology, Mandi Gobindgarh	06/05/2015	National	2014-2015
Kulvinder Singh Mann	Need of ERP Implementation	Seminar for B.Tech. Students	RIMT College of Engineering and Technology, Mandi Gobindgarh	15/07/2015	National	2014-2015
Kulvinder Singh Mann	Digital Image Processing	Seminar for M.Tech. Students	RIMT College of Engineering and Technology, Mandi Gobindgarh	15/02/2015	National	2014-2015
Kulvinder Singh Mann	Recent Trends in Computing	Seminar for Faculties	Bhutta College of Engineering and Technology, Bhutta	13/10/2014	National	2014-2015
Manpreet Singh	Bioinformatics: From Evolution to Computation	One Week Technical Education Quality Improvement Programme-II Sponsored Short Term Course on Title "Latest	Guru Nanak Dev Engineering College, Ludhiana	05/10/2014	National	2014-2015
Ajay Shiv Sharma	Biological Database	Punjab Technical University Sponsored Faculty Development Programme	Bhutta College of Engineering and Technology, Bhutta	09/04/2015	National	2014-2015
Ajay Shiv Sharma	Literature Review & its Management	All India Council for Technical Education and Technical Education Quality Improvement Programme-II Sponsored Two	Shaheed Bhagat Singh State Technical Campus, Ferozpur	28/05/2015	National	2014-2015
Ajay Shiv Sharma	Queries Forum on Research Challenges for New Researchers	All India Council for Technical Education and Technical Education Quality Improvement Programme-II Sponsored Two Weeks Short Term	Shaheed Bhagat Singh State Technical Campus, Ferozpur	01/06/2015	National	2014-2015
Ajay Shiv Sharma	Making India a developed country through use of Open Source	Punjab Technical University Sponsored Faculty Development Programme	CT Institute of Technology, Jalandhar	22/06/2015	National	2014-2015
Ajay Shiv Sharma	Contemporary Bioinformatics and Systems Biology of Cancer	One Week Technical Education Quality Improvement Programme-II Sponsored Short Term Course on Title "Latest	Guru Nanak Dev Engineering College, Ludhiana	07/10/2014	National	2014-2015

Amit Kamra	Biomedical Imaging and Computer Vision	One Week Technical Education Quality Improvement Programme-II Sponsored Short Term Course on Title "Latest	Guru Nanak Dev Engineering College, Ludhiana	06/10/2014	National	2014-2015
Amit Kamra	Medical Informatics: Research and Scope	Faculty Development Program on advancement in science, engineering and technology for Emerging digotal	Bhutta College of Engineering and Technology, Bhutta	04/04/2015	National	2014-2015
Amit Kamra	MATLAB and its Applications in Image Processing	Faculty Development Program on advancement in science, engineering and technology for Emerging digotal society	Bhutta College of Engineering and Technology, Bhutta	09/04/2015	National	2014-2015
Amit Kamra	Research Areas in Biomedical Images		Lala Lajpat Rai Institute of Engineering and Technology, Moga	12/06/2015	National	2014-2015
Pankaj Bhambri	Era of Bioinformatic Applications	One Week Technical Education Quality Improvement Programme-II Sponsored Short Term Course on Title "Latest	Guru Nanak Dev Engineering College, Ludhiana	05/10/2014	National	2014-2015
Priyanka Arora	An Era from Grid to Sky Computing	One Week Technical Education Quality Improvement Programme-II Sponsored Faculty Development Programme on Title "Recent Computing Paradigms"	Guru Nanak Dev Engineering College, Ludhiana	09/07/2014	National	2014-2015
Akshay Girdhar	NBA Awareness	Faculty Development Activity	TEQIP-II Cell of Guru Nanak Dev Engineering College, Ludhiana	05/03/2014	National	2013-2014
Akshay Girdhar	NBA Accreditation Process	Faculty Development Activity	Applied Science Department of Guru Nanak Dev Engineering College, Ludhiana	26/02/2014	National	2013-2014
Akshay Girdhar	NBA Accreditation Process	Faculty Development Activity	Mechanical Engineering Department of Guru Nanak Dev Engineering College, Ludhiana	21/02/2014	National	2013-2014
Akshay Girdhar	NBA Accreditation Process	Faculty Development Activity	Civil Engineering Department of Guru Nanak Dev Engineering College, Ludhiana	18/02/2014	National	2013-2014
Akshay Girdhar	Despeckling of Medical Ultrasound Images	Faculty and Student Development Activity	Lala Lajpat Rai Institute of Engineering & Technology, Moga	24/10/2013	National	2013-2014
Kulvinder Singh Mann	Computational Research Methodologies	Seminar for Faculties	Sri Sukhmani Group of Institutions, Derabassi	07/09/2013	National	2013-2014
Kulvinder Singh Mann	Medical Informatics	Seminar for Faculties	Sri Sukhmani Group of Institutions, Derabassi	08/02/2014	National	2013-2014
Kulvinder Singh Mann	Data Mining and Data Warehouse	Seminar for Faculties	Bhutta College of Engineering and Technology, Bhutta		National	2013-2014
Kulvinder Singh Mann	What and When to Start preparing for Placements	Seminar for B.Tech. Students	SUS Group of Institions, Tangori	09/09/2013	National	2013-2014
Kulvinder Singh Mann	Emerging Trends in CSE and IT	Seminar for B.Tech. Students	Gulzar Group of Institutions, Khanna	20/08/2013	National	2013-2014
Amit Kamra	Research Ares in Image Processing	One Week TQIP-II sponsored FDP on Emerging Trends in Information technology	Chandigarh Engineering College, Landran	17/07/2013	National	2013-2014
Amit Kamra	MATLAB and its Applications in	One Week TEQIP-II Sponsored FDP on	Guru Nanak Dev Engineering College, Ludhiana	08/01/2013	National	2013-2014
Amit Kamra	Bio-Medical Imaging	One Day Conference on emerging unconeventional computing areas	Gujranwala Guru Nanak Institute of Management and Technology, Ludhiana	22/03/2014	National	2013-2014
Pankaj Bhambri	Professional, Environmental and ICT Ethics	Guest Lecture on purview of the course "Human Values in Education" offered by Dept. of Human Development, College	Deptt. of Human Development, College of Home Science, Punjab Agriculture University Ludhiana	18/09/2013	National	2013-2014

Akshay Girdhar	Image Segmentation Techniques	Faculty and Student Development Activity	Lala Lajpat Rai Institute of Engineering & Technology, Moga	09/03/2013	National	2012-2013
Akshay Girdhar	Role of Multiresolution Techniques in Image Processing	Faculty and Student Development Activity	Lala Lajpat Rai Institute of Engineering & Technology, Moga	10/02/2013	National	2012-2013
Akshay Girdhar	Contrast Enhancement Techniques	Faculty and Student Development Activity	Lala Lajpat Rai Institute of Engineering & Technology, Moga	13/01/2013	National	2012-2013
Akshay Girdhar	Medical Image Processing - Its Role and Applications	Faculty and Student Development Activity	Lala Lajpat Rai Institute of Engineering & Technology, Moga	04/11/2012	National	2012-2013
Kulvinder Singh Mann	Big Data and Analytics	Seminar for B.Tech. Students	SUS Group of Institutions, Tangori	07/08/2012	National	2012-2013
Kulvinder Singh Mann	Business Information Strategies	Seminar for Faculties	Sant Baba Attar Singh Khalsa College, Sandaur	16/03/2013	National	2012-2013
Pankaj Bhambri	Biometrics and Its applications in Image Processing in the UGC Sponsored National	Resource Person in UGC Sponsored one day National Seminar organized by PG Dept. Of Computer Science & IT	RR Bawa DAV College for Girls, Batala	04/08/2012	National	2012-2013
Parminder Kaur Wadhwa	New Age Internet Technologies and Applications	Student Development Activity	Gujranwala Guru Nanak Institute of Management and Technology, Ludhiana	20/12/2012	National	2012-2013
Sachin Bagga	Data Visualization Techniques	Big Data Analysis using Machine Learning	SBS State Technical Campus, Ferozepur	12/12/2019	National	2019