

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

- (i) **Name** : COMPUTER SCIENCE & ENGG.
- (ii) **Year of Establishment:** 1995
- (iii) **(a) Vision** : The vision of the Department is to become a centre of excellence for education in Computer Science, Engineering and Applications. We visualize ourselves as an agency to nurture young minds into leaders of tomorrow in the field of higher education, research and development, and corporate world. We aim to produce creators and innovators who will work towards the overall well-being of the society.

- (b) Mission** :
- To impart state-of-the-art knowledge in Computer Science and Engineering, Information Technology and Computer Applications.
 - To ensure our students graduate with a sound theoretical basis and wide-ranging practical experience.
 - To foster linkages between the Department and public and private sectors, traversing research establishments as well as Information Technology industry.
 - To promote ethical research of high quality.
 - To adopt the best pedagogical methods in order to maximize knowledge transfer.
 - To inculcate a culture of free and open discussions in the Department.
 - To engage students in learning, understanding and applying novel ideas.
 - To infuse scientific temper, professionalism, enthusiasm and team spirit.
 - To inspire a zest into students for lifelong learning.
 - To promote democratic values, an environment of equal opportunity for everyone irrespective of gender, religion and cast.
 - To attract and retain the talented and dedicated teaching and supporting staff, and students.

(c) Objectives : To facilitate and promote studies and research in emerging areas of Information Technology and Computer Engineering to achieve excellence in these fields.

IV) Courses Offered in the Deptt:

Course	Sanctioned intake	Present Strength (Total)
Ph. D	As per availability	81
P.G (MCA & M Tech)	MCA-60+12* M Tech CSE-30	150+36= 186
U.G. (B Tech CSE)	B Tech CSE-120+24*	490
U.G. (B Tech IT)	B Tech IT-60+12*	242
Any other: Through Distance Mode BCA, PGDCA, MSc. Computer Science, MCA and MCA 5 year Integrated	To be obtained from DE	To be obtained from DE

*LEET

(V) Faculty detail

(Attach a list of the Faculty along with their qualifications and Experiences)

Professor		Associate Professor		Assistant Professor		Contract/Guest Faculty
Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled	
6	0	12	4+1 [^]	24	20+01 [^]	14*

*On Contract, [^]On Deputation

Regular Faculty Details

Sr. No.	Name (s) of the Teaching Faculty	Designation	Qualification	Experience (in years)	H. Index (Scopus Based)
1	Dr Dharminder Kumar	Professor	Ph.D.	28	6
2	Dr Dinesh Kumar	Professor	Ph.D.	27	8
3	Dr Saroj	Professor	Ph.D.	21	4
4	Dr Yogesh Chaba	Professor	Ph.D	22	7
5	Dr Pardeep Bhatia	Professor	Ph.D	25	7
6	Dr. Rishi Pal Singh	Professor/ Chairperson	Ph.D	19	5
7	Dr. O.P. Sangwan	Professor	Ph.D	14	7

8	Dr. Dharmender Kumar	Professor	Ph.D	15	
9	Dr. Ritu Nagpal	Associate Professor	Ph.D	12	
10	Dr. Sanjeev Kumar	Associate Professor	Ph.D	14	
11	Dr. Sunila	Associate Professor	Ph.D	12	
12	Dr. Jyoti	Associate Professor	Ph.D	13	
13	Dr. Sunil Kumar	Assistant Professor	Ph.D	12	
14	Dr. Jaswinder Singh	Assistant Professor	Ph.D	14	
15	Mr. Jai Bhagwan	Assistant Professor	M. Tech, Ph.D Pursuing	6	
16	Mr. Narender	Assistant Professor	M. Tech, Ph.D Pursuing	10	
17	Mr. Amandeep	Assistant Professor	M. Tech, Ph.D Pursuing	9	
18	Mr. Manoj	Assistant Professor	M. Tech, Ph.D Pursuing	6	
19	Mr. Abhishek Kajal	Assistant Professor	M. Tech, Ph.D Pursuing	9	
20	Ms. Sakshi Dhingra	Assistant Professor	M. Tech, Ph.D Pursuing	5	
21	Dr. Anju	Assistant Professor	Ph.D	5	2
22	Dr. Sunita	Assistant Professor	Ph.D	13	
23	Mr. Sunil Kumar	Assistant Professor	M. Tech, Ph.D Pursuing	5	
24	Dr. Deepak Nandal	Assistant Professor	Ph.D	6	
25	Mr. Krishan Kumar Ranga	Assistant Professor	M. Tech, Ph.D Pursuing	19	

Contractual Faculty Details

Sr. No.	Name (s) of the Teaching Faculty	Designation	Qualifications	Experience (in years)	H. Index (Scopus Based)
1	Mr. Amit Kumar	Assistant Professor	M. Tech.	06	
2	Dr. Anupma Sangwan	Assistant Professor	Ph.D.	09	
3	Mr. Ayush Sharma	Assistant Professor	M. Tech.	05	
4	Mr. Ankur Garg	Assistant Professor	MCA	07	
5	Mr. Anand Kumar	Assistant Professor	M. Tech.	06	
6	Ms. Suman	Assistant Professor	M. Tech.	6.5	
7	Ms. Ravika	Assistant Professor	M. Tech.	8.5	
8	Mr. Davinder Singh	Assistant Professor	M. Tech.	7.5	
9	Ms. Deepshikha	Assistant Professor	M. Tech.	09	
10	Ms. Renu	Assistant Professor	M. Tech.	06	
11	Ms. Mona Gupta	Assistant Professor	M. Tech.	3.5	
12	Dr. Sudhanshu Gaur	Assistant Professor	Ph.D	8	
13	Mr. Pawan	Assistant Professor	M. Tech. Ph.D Pursuing	1	
14	Ms. Nisha	Assistant Professor	M. Tech.	3	

(VI) Office staff detail:

Title of Position	Sanctioned Strength	In Position Strength
System Manager	1	1
Programmer	1	1
Supdt.	1	NIL
Dy.Supdt.	2	1
Tech Asst - I	2	2
Sr. Hardware Technician	-	NIL
Asst	5	1
Sr. Scale Stenographer	1	NIL
JLA	2	NIL
Lab Tech	3	1
Steno Typist	3	NIL
Clerk cum JDEO	5	3+1*
Lab-Attendant	8	8
Peon	4	1+2*

***on contract through contractor**

(VII) a) Students detail in respect of M.Sc., M.Tech., M.Pharm., M.Ph.Th., M.Com. and MBA Courses

1st Year		Final Year	
<i>Sanctioned</i>	<i>Filled</i>	<i>Sanctioned</i>	<i>Filled</i>
30	18	30	18

(b) Students detail in respect of MCA Course:

1st Year		2nd Year		3rd Year	
<i>Sanctioned</i>	<i>Filled</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Sanctioned</i>	<i>Filled</i>
60	46	60+12*	52	60+12*	52

(c) Students detail in respect of B.Tech , B.Pharm. and B.P.Th. Programmes

B.TECH (CSE)

1 st year		2 nd year		3 rd year		4 th year	
<i>Sanctioned Intake</i>	<i>filled</i>	<i>Sanctioned intake</i>	<i>filled</i>	<i>Sanctioned intake</i>	<i>filled</i>	<i>Sanctioned intake</i>	<i>filled</i>
120	125	120+24*	152	120+20*	101	120+24*	112

B.TECH (I.T.)

1 st year		2 nd year		3 rd year		4 th year	
<i>Sanctioned Intake</i>	<i>filled</i>	<i>Sanctioned intake</i>	<i>filled</i>	<i>Sanctioned intake</i>	<i>filled</i>	<i>Sanctioned intake</i>	<i>filled</i>
60	61	60+12*	67	60+12*	55	60+12*	59

(d) Detail of Foreign Students if any, admitted in the Department:

Sr. No.	Name of Course	No. of students Admitted	Name of Country
1.	B.TECH CSE	2	NEPAL

(VIII) Research Scholars:

Intake capacity	Total no of Ph.D. students	Registered during the year	Thesis completed during the year
As per availability	81	16	4

List of Pre. PH.D 2018-19 Students

S.NO	Pre Ph.D Roll No.	Name	Father's Name	M/F	Address
1	180010080001	Sanjeela Sagar	Lakhmi Dass Ahuja	F	B-401 Mahavir Vihar ,Plot No-10 sector -25 Nerul East Navi Mumbai

2	180010080002	Vinod Prakash	Dharam Pal	M	1810-A, Near Leading Sr. Sec School Azad Nagar , Hisar
3	180010080003	Kanika Budhwar	Karamvir Singh	F	396 , Krishna nagar Hisar
4	180010080004	Prashant Bhardwaj	Brhma Nand Bhardwaj	M	745, Minister Residence Sector -12 -A panchkula
5	180010080005	Sunaina Rathee	Pradeep Kumar Choudhry	F	90/22 Kishan Pura Rohtak
6	180010080006	Rachna Kumari	Jagat singh	F	VPO -Kaimri , distt Hisar
7	180010080007	Amita Verma	Shankar lal verma	F	771, UE-II, hisar
8	180010080008	Khushboo Taneja	Ram Kumar	F	51, type -5 Vidyut nagar ,Hisar
9	180010080009	Amit bansal	Mohender kumar Bansal	M	73/57, bazaar Khazanchian, hisar
10	180010080010	Vipin Babber	Om Prakash	M	3037, sector 14 part-ii, hisar
11	180010080011	Anshul Kharub	Mehar Singh	M	1003, sector 16-17 ,hisar
12	180010080012	Naveen Kumar	Raj Singh	M	176,HB Colony , Sirsa Road Hisar
13	180010080013	Satinder	Krishan Kaloi	M	27, Vinayak nagar kaimri road Hisar
14	180010080014	Rekha saluja	Jagdish Chander	F	VPO- saniana ,tehsil- Tohana, distt. Fatehabad
15	180010080015	Ashwani Kumar	Nafe Singh	M	1530/18 ,old court colony , Nwear city thana, Hansi ,Hisar
16	180010080016	Sushil Kumar	Nathu Ram	M	VPO-Shekhpur Daroli Tehsil & Distt. Faatehabad

(IX) Sponsored Research/ Consultancy Projects:

Title of the Project	Name of the Investigator(S)	Project in process	Awarded during the current year	Completed during the current year	Nature: Research/ Consultancy	Amount of Project
Use of Soft Computing Techniques for Design of 5G Mobile Networks	Prof. Rishi Pal Singh, Dr. Jyoti	1	1	--	Research	67 Lacs
	TOTAL			01		

(X) Number of Publications of Faculty (in Total)

Books	Research papers		Research paper		Other Articles
	International foreign	National (Indian)	Refereed	Non refereed	

(XI) Teacher/ Faculty wise detail of publication during the period:

a) Books/Book Chapters/ Monograph

Authors	Title	Year of publication	Type of books
Kuldeep Singh Kaswan and Om Prakash Sangwan	Essentials Of Information Technology	Published by Educreation	Publishing, 978-81-936181-8-9, 2018 (Text Book).
Kavita Sheoran, and Om Prakash Sangwan	<u>Component-Based Quality Prediction via Component Reliability Using Optimal Fuzzy Classifier and Evolutionary Algorithm</u>	(AISC, volume 731) Springer, Singapore (Chapter).	pp: 449-456, Software Engineering, <u>Advances in Intelligent Systems and Computing</u> book series
A. Chaudhary, A. S. Baghel and Om Prakash Sangwan	<u>Parameter Estimation of Software Reliability Model Using Firefly Optimization</u>	Springer, Singapore (Book Chapter).	pp: 407-415, Data Engineering and Intelligent Computing

b) Papers/ Articles in Journals

Authors	Year	Title of paper	Name of journal	Vol . & No.	Pages	Publishers
Saroj Ratnoo, Seema Rathee	Aug. 2018	A clustering-based hybrid approach for dual data reduction,	International Journal of Intelligent Engineering Informatics,	vol. 6, no. 5,	468-490	Inderscience
G. Kaur and	24 Jan 2019	Adaptive genetic	Pertanika Journal of Science	vol 27,	123-	Uni

Saroj Ratnoo		algorithm for feature weighting in multi-criteria recommender systems	and Technology	no. 1	141	versity Putra Malaysia (UPM)
Seema Rathee, Saroj Ratnoo, and J. Ahuja	Aug 2018	Instance Selection Using Multi-objective CHC Evolutionary Algorithm	In S. Fong et al. (eds.), Information and Communication Technology for Competitive Strategies, Lecture Notes in Networks and Systems	Vol. 40	pp. 474-484.	Springer Nature, Singapore.
Renu Bala and Saroj Ratnoo,		A Genetic Algorithm Approach for Discovering Fuzzy Censored Classification Rules (FHCCRs)",	Pertanika Journal of Science and Technology	In production		Putra Malaysia (UPM)
Sunil Kumar, Saroj Ratnoo, and Renu Bala,	22-24 Dec. 2018	Enhanced Decision Tree Algorithm for Discovery of Exceptions, Bhubaneswar, India (Accepted and in production).	In ICACIE, 2018, Advances in Intelligent Systems and Computing (AISC) series,	Accepted and in Production		Springer
Prof. RishiPal Singh	April 2019	Modified-PRMA protocol for Cognitive Radio Network	Wireless Personal Communications	107(4)		
Anu Bajaj, Om Prakash Sangwan	2019	Test Case Prioritization using Bat Algorithm	Recent Patents on Computer Science (2019) 12: 1, https://doi.org/10.2174/2213275912666190226154344			
Monika, Om Prakash Sangwan	2019	QoS Based Scheduling Techniques in Cloud Computing: Systematic Review	International Journal of Computer Science and Information Security (IJCSIS			
Mukesh Mann, Pradeep Tomar, and Om Prakash Sangwan	Date of Publication: 01.05.2019	Automated Software Test Optimization using Test Language Processing	, Int. Arab Journal of Information. Technology	vol.:16, issue: 03,	pp: 348-356	
Anu Bajaj, and Om Prakash Sangwan	February 26-28, 2019	<u>Study the Impact of Parameter Settings and Operators Role for Genetic Algorithm Based Test Case Prioritization</u> ",	Proceedings of International Conference on Sustainable Computing in Science, Technology and Management (SUSCOM), Amity University Rajasthan, Jaipur - India			
Anu Bajaj, Om Prakash Sangwan	14-15 December, 2018	A Survey on Regression Testing using Nature-Inspired Approaches	Proceedings of 4 th International Conference on Computing, Communication and Automation, Galgotias University, Greater Noida, Uttar Pradesh			

Shweta Mittal and Om Prakash Sangwan	July 14-15, 2018	Big Data Analytics Using Mining Techniques: A Survey	International Conference on Advanced Informatics for Computing Research (ICAIR-2018), Springer Proceeding Book-CCIS Series			
Tamanna, and Om Prakash Sangwan	2018	Software Bug Prediction and Handling Using Machine Learning Techniques: A Review”	International Journal of Computer Sciences and Engineering,	Vol.-6, Issue-10		
Tamanna, and Om Prakash Sangwan	2019	Review of Text Mining Techniques for Software Bug Localization	Proceeding of 9 th International Conference on Cloud Computing, Data Science & Engineering, Confluence			
Tamanna, and Om Prakash Sangwan	2019	Study of Information Retrieval and Machine Learning based Software Bug Localisation Models”	In Proceeding of International Conference on Advancements in Computing & Management (ICACM-2019)			
Deepak Nandal, Om Prakash Sangwan	2018	Software Estimation By Optimizing COCOMO Model Using Hybrid BATGSA Algorithm”	International Journal of Intelligent Engineering and Systems	Vol.:11, No.:04,	, pp: 250-263	
Deepak Nandal, Om Prakash Sangwan	April-June 2018	Bat Algorithm, Particle Swarm Optimization and Grasshopper Algorithm: A Conceptual Comparison	IJRAR- International Journal of Research and Analytical Reviews	Vol.:5, Issue 2,	pp: 2116-2120	
Mann, M., Tomar, P., and Sangwan, O. P.	2018	Bio-Inspired Metaheuristics: Evolving and Prioritize Software Test Data	Journal of Applied Intelligence	Vol.: 48, Issue 3,	pp: 687-702	
Mann, M., Tomar, P., and Sangwan, O. P.	2018	Test Case Generation Using Optimizing Algorithm: An Empirical Evaluation	Soft Computing Theories and Application		pp: 679-686	
Shweta Mital and O P Sangwan	2018	Prioritizing Test Cases for Regression Techniques Using Metaheuristic Techniques	Journal of Information and Optimization Sciences, 39(1)		pp: 39-51	
Monika and Om Prakash Sangwan	12 th May 2018	Quality of Service in Dynamic Resource Provisioning: Literature Review	3 rd International Conference on I-2018) in collaboration with Springer CCIS and Computer Society of India			
D. Nandal, O. Sangwan	June 9-10, 2018	Software Estimation Using Meta-Heuristic Techniques: A Review	11 th International Conference on the Education: Crisis and Sustainability mission for the better world, Jabalpur (M.P			

D. Nandal, O. Sangwan	Chandigarh, June 24, 2018	Bat Algorithm, Particle Swarm Optimization and Grasshopper Algorithm: A Conceptual Comparison”	17 th International Conference on Recent Trends in Engineering, Applied Science and Management			
Sanjeev kumar	Dec 2018	“Gaussian Kernel Approximation for Medical Diagnostic Interface ”	Jour of Adv Research in Dynamical & Control Systems			
Sanjeev kumar	March 2019	“Function approximation with kernel approximation by convolutional neural network (CNN) for medical diagnosis ”	Ciencia e tecnica			
Sanjeev kumar	Dec 2018	“ Performance analysis of task scheduling algorithms in Homogeneous cloud environment ”,	International Journal of Electronics Engineering			
. Shweta, Dr. Sunil Kumar	December 2018	A Study About Behavior of Nodes in Trust Model in Internet of Things	Journal of Advances and Scholarly Researches in Allied Education(JASRAE)	Vol. 15, Issue no. 12		JAS RA E
Shweta, Dr. Sunil Kumar	April 24, 2019	Evaluation of Trust methods for service selection in IoT	International Journal of innovative Technology and Exploring Engineering (IJITEE)	Vol-8, issue- 6S		IJIT EE
Shweta, Dr. Sunil Kumar	8 th March, 2019	Evaluation of Trust methods for service selection in IoT	International conference on System Modelling Simulation and Intelligent Computing (ICSMSIC 2019) organised by ABES			ICS MSI C
Shweta, Dr. Sunil Kumar	20th April, 2019	Generic Framework for Trust Evaluation in Service Selection of IoT	SCOPUS Indexed International Conference on Recent Trends in Computer Application and Information Technology(RTCAIT’2019)			SC OP US
Jaswinder Singh, Pooja Rani	June 2019	Opinion Mining Using Classification Techniques : A Review”	International Journal of Research in Electronics and Computer Engineering	Vol.7, Issue 2,Ver 7	3283- 3287	IJR EC E Publ ishe rs
Jaswinder Singh, Pooja Rani	June 2019	Classification of reviews using artificial neural network	International journal of electronics engineering	Vol 11, Issue 1	882- 888	CS Jour nals
Jaswinder Singh, Pooja Rani	June 2019	Analysis of sentiments using K- Nearest Neighbour	International journal of electronics engineering	Vol 11, Issue 1	889- 894	CS Jour nals
Sachin Kumar, Narender Kumar	2018	Diagnosis o f Diabetes by using Data Mining Techniques	International Journal of Innovative Knowledge Concepts ISSN: 2454-2415	Vol. 6, Issue 7		IJIK C

Manoj Kumar	June 2018	A study of X2 and S1 Handover in LTE Networks using MATLAB	IJCSE	Vol.6	1118-1122	
Manoj Kumar	Oct 2018	A GA-QMR: Genetic Algorithm Oriented MANET QoS Multicast Routing	Recent Patents on Computer Science(Scopus Indexed)	Vol.11	268-275	
Abhishek Kajal, Gulshan	2018	Enhanced Cloud Storage Security using ECC-AES A Hybrid Approach	International Journal for Research in Engineering Application & Management ISSN No. 2454-9150	Volume-IV, Issue- V	PP 94 – 98	
Abhishek Kajal, Gulshan	2018	A Review on Cloud Storage Security	International Journal of Innovation in Engineering Research & Management ISSN No. 2348-4918	Volume-V, Issue-II	PP 01 – 03	
Anju Sangwan	2019	Modified-PRMA protocol for Cognitive Radio Network	Wireless Personal Communications	107(4)		
Deepak Nandal, Dr Om Prakash Sangwan	2018	An Improved Bat Algorithm for Software Cost Estimation	International Journal of Simulation: Systems, Science and Technology	Volume 19 Issue 4,	pp 10.1-10.9	
Deepak Nandal, Dr Om Prakash Sangwan	2018	Software Cost Estimation by Optimizing COCOMO Model Using Hybrid BATGSA Algorithm	International Journal of Intelligent Engineering and Systems	Vol. 11, Issue 4,	pp-250-263	
Mandeep Kumar, Deepak Nandal	2018	A Review on Analysis Search Based Software Testing using Metaheuristics Techniques	International Journal of Computer Sciences and Engineering	Vol 6, Issue 10,	pp 1116	
Total : 42						

(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period:

(a) Total Number of Seminars/ Conferences attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professors, Associate Professors & Assistant Professors						

(b) International Conferences/ Seminars/ Workshops:

Name of the Teacher/Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates
Prof. RishiPal Singh	Attended	2 nd National Seminar on “Design of 5G Network Using Soft Computing Techniques	Department of Computer Science & Engineering, Guru Jambheshwar University of Science & Technology, Hisar Haryana		March 28-29, 2019
Om Prakash Sangwan	Attended	One Day TEQIP-Phase-III Orientation Workshop for Student Learning Assessment (SLA	AICTE,	New Delhi	5 th March 2019
Om Prakash Sangwan	Attended	2 nd National Seminar on “Design of 5G Network Using Soft Computing Techniques	Department of Computer Science & Engineering, Guru Jambheshwar University of Science & Technology, Hisar Haryana		March 28-29, 2019
Om Prakash Sangwan	Attended	Attended One Week National Workshop on “ Big Data Analytics and Machine Learning ”	Dr. B. R. Ambedkar Institute of Technology (DBRAIT	Port Blair, Andaman & Nicobar and National Institute of Technology, Trichy	22-27 April 2019
Om Prakash Sangwan	Attended	Attended one Day Orientation Workshop on the Roles and Responsibilities of the University and Its SWYAM	AICTE Office	Nelson Mandela Marg, Vasant Kunj, New Delhi.	2 nd February, 2018

Om Prakash Sangwan	Attended	Attended One Day Workshop on “OutCome Based Education”	Faculty of Engineering and Technology, Guru Jambheshwar University of Science & Technology	Hisar	July 21, 2017
Dr. Sunil	Evaluation of Trust methods for service selection in IoT	International conference on System Modelling Simulation and Intelligent Computing (ICSMSIC 2019)	organised by ABES Engineering College Ghaziabad, U.P	Ghazibad, U.P	March 8, 2019
Dr. Sunil	Generic Framework for Trust Evaluation in Service Selection of IoT	SCOPUS Indexed International Conference on Recent Trends in Computer Application and Information Technology(RTC AIT'2019)	M.M. Institute of Computer Technology and Business Management , Maharishi Markandeshwar University, Mullana	Mullana	20th April, 2019
Dr. Ritu	Attended	Design of Course Curriculum as per OBE System	Faculty of Engineering and Technology, Guru Jambheshwar University of Science & Technology	Hisar	22-Jan-2019
Narender Kumar	Data Analytics	Data Analysis using latest tools	NIT Kurukshetra	Kurukshehra, HR.	26 th June -30 th June 2019
Anju Sangwan	Attended	2 nd National Seminar on “Design of 5G Network Using Soft Computing Techniques	Department of Computer Science & Engineering, Guru Jambheshwar University of Science & Technology, Hisar Haryana		March 28-29, 2019
Sunil Kumar	Enhanced Decision Tree Algorithm for Discovery of Exceptions	ICACIE-2018	SOA University	Bhubneshwar , Udisha	22-24 Dec, 2018
DEEPAK NANDAL	Software Estimation Using Meta-Heuristic Techniques: A Review	11 th International Conference on the Education: Crisis and Sustainability mission for the better world		Jabalpur (MP)	June 9-10, 2018.

DEEPAK NANDAL	Bat Algorithm, Particle Swarm Optimization and Grasshopper Algorithm: A Conceptual Comparison	17 th International Conference on Recent Trends in Engineering, Applied Science and Management (TEAM-18),		Chandigarh	July 24, 2018.
	TOTAL	14			

(c) National Conferences/ Seminars/ Workshops:

Name of Teacher/ Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates
Jaswinder Singh	Attended	Recent Trends in Engg. & Technology	GJUST, Hisar	GJUST, Hisar	February 27-28, 2018

Jaswinder Singh	Attended	Design of Course Curriculum as per OBE System	Faculty of Engg. & Technology, GJUST, Hisar	GJUST, Hisar	January 22, 2019
Jaswinder Singh	Attended	Intellectual Property Rights & Patents	Institute Partnership Centre for Industry, GJUST, Hisar	GJUST, Hisar	January 30, 2019
Jaswinder Singh	Attended	Innovations in Industry 4.0	Department of Computer Science & Engineering, DCRUST, Murthal	DCRUST, Murthal	January 14, 2019 to January 18, 2019
Jaswinder Singh	Attended	Big Data Analytics	School of Information and Communication Technology, Gautam Buddha University,	GBU, Greater Noida	February 4, 2019 to February 9, 2019

			Greater Noida		
Jaswinder Singh, Pooja Rani	A Study of Classifications Techniques on Web Data	National Seminar on Design of 5G Mobile Networks using Soft Computing Techniques	Deptt. of Computer Science & Engg	GJUST, Hisar	28-29 March 2019
Jaswinder Singh, Mikanshu	Opinion Mining: Levels and Process	National Seminar on Design of 5G Mobile Networks using Soft Computing Techniques	Deptt. of Computer Science & Engg	GJUST, Hisar	28-29 March 2019
Jaswinder Singh	Attended	Recent Trends in Engg. & Technology	GJUST, Hisar	GJUST, Hisar	February 27-28, 2018
Sunil Nandal	Attended	System Design <'s Applications	NITTTR Chandigarh	NITTTR Chandigarh	25.03.2019 to 29.03.2019
Manoj	Handover in LTE Networks	2 nd National Seminar on Design of 5G Networks using Soft Computing Techniques	GJUS&T	Hisar	March 28-29, 2019
Manoj	An overview of Scheduling Algorithm for LTE Networks	2 nd National Seminar on Design of 5G Networks using Soft Computing Techniques	GJUS&T	Hisar	March 28-29, 2019
Manoj	MIMO Technology in 5G Networks: A Review	2 nd National Seminar on Design of 5G Networks using Soft Computing Techniques	GJUS&T	Hisar	March 28-29, 2019
Abhishek Kajal	Attended	Recent Trends in Engg. & Technology	GJUST, Hisar	GJUST, Hisar	February 27-28, 2018
Anju Sangwan	Attended	Spirituality, Yoga and Ethics	GJUST, Hisar	GJUST, Hisar	1-Oct.-2018 to 6-Oct.-2018
	TOTAL	14			

(d) Regional/ State Level Conferences/ Seminars/ Workshops:

Name of Teacher/Faculty	Title of paper presented	Theme of Conference/ Seminar	Name of Host organization	Place	Dates
Sunil Kumar		MatLab and Its Related ToolBoxes	Sponsored by TEQIP-III, GJUST	Hisar	8-9 March-2019
Sunil Kumar	An Enhanced Decision Tree Algorithm for Discovery of Intra and Inter-Class exceptions	Design of Mobile Network using Soft Computing Techniques	Sponsored by UGC under SAP	Hisar	28-29 March 2019
Sunil Kumar		Data Analytics	Organized BY NIT	Kurukshetra	26-30 June 2019
Sunil Kumar		AIDS: "Know Your Status"	NSS, GJUST	Hisar	30th Nov 2018
Deepak Nandal		5 Day Workshop on Big Data Analytics	NITTTR Chandigarh		
Deepak Nandal		5 Day Short term course on "CMOS Analog Design"	NITTTR at G.B Pant Engg. , New Delhi		

(e) Refresher Courses/ Orientation Courses:

Name of Teacher/Faculty	Title of Refresher Course	Host organization	Dept.	University	Place	Date
Saroj	One-week Course on Disaster Management	LBSNAA	Centre for Disaster Management		Missouri	26-30 Nov. 2018
Dr. Sunil	one week ICT Based short term course on Embedded Systems	NITTTR - Chandigarh		NITTTR, Chandigarh	Chandigarh	. 19-23 March, 2018
Dr. Sunil	Three Week Refresher Course in Disaster Management(ID)	BPSMV, Khanpur Kalan	Disaster Management(ID)	BPSMV, Khanpur Kalan	BPSMV, Khanpur Kalan	28 th Nov-18 th Dec'2018
Dr. Sunil	Two Days Workshop on MATLAB and Its Related Toolboxes	ECE Deptt GJUS&T Hisar	GJUS&T Hisar	GJUS&T Hisar	GJUS&T Hisar	25.03.2019 to 29.03.2019
Dr. Sunil	one week Short Term Course on SYSTEM DESIGN & ITS APPLICATIONS	NITTTR- Chandigarh	NITTTR- Chandigarh	NITTTR- Chandigarh	NITTTR- Chandigarh	25.03.2019 to 29.03.2019

Anju Sangwan	Refresher Course in Professional Course	UGC HRDC PU Chd.	HRDC	PU Chd.	Chandigarh	5-1-18 to 25-1-18
Sunil Kumar	Information & Communication Technology	GJUS&T	Sponsored by HRDC centre	GJUS&T	Hisar	21-06-2018 to 11-07-2018
DEEPAK NANDAL	Pedagogical Innovations and Research Methodology	SWAYAM, MHRD, ARPIT	MHRD		Online (ARPIT)	Nov 2018 - Feb 2019

(f) Total number of Refresher/ Oriented Courses attended:

- i) Refresher Courses :02**
ii) Oriented Courses :06
iii) Total :08

(XIII) Association with National and State Level Bodies (Give teacher-wise details):

i) Membership of Professional Bodies:

Prof. Dharminder Kumar	<ul style="list-style-type: none"> Life member of Computer Society of India Member, IAENG (ID. No. 111174) Member, SPSTI (ID. No. LM1034)
Prof. Dinesh Kumar	<ul style="list-style-type: none"> Life Member ISTE, Life Member CSI
Prof. Pradeep Kr. Bhatia	<ul style="list-style-type: none"> Life membership of CSI Journal. Life membership of Information Journal of Information Processing. Membership of ACM SIGSOFT
Dr. OP Sangwan	<ul style="list-style-type: none"> Life Member, Computer Society of India, India. (Membership No. 01083699) Member, IACSIT (International Association of Computer Science and Information Technology, USA (Membership No. 80331424) Member, Computer Science Teacher Association, New York, USA (Membership No. 4711935) Member, International Association of Engineers (IAENG), Hong Kong (Membership No. 123697)
Mr. Manoj Yadav	<ul style="list-style-type: none"> (AMIE) Associate members of the Institution of Engineers(India) (Membership No AM1753781)
Narender Kumar	<ul style="list-style-type: none"> Nominee Member in Computer Society of India, (Membership. No. F8002213)

ii) Member of Expert Committees :

Prof. Dharminder Kumar	NIELIT, NBA, NBA-NIRF, DCRUST, YMCA UST, UOU, BOG-HSTES.
Prof. Saroj	<ul style="list-style-type: none"> Member of DRC, BOS and Faculty of Engineering Member of state executive committee
Prof. Dinesh Kumar	<ul style="list-style-type: none"> Jury Member (Judge) of Young Scientist Award, 21st International Conference of International Academy of Physical Sciences on Symbiotic Development of Mathematical, Physical, Chemical and

	Computational Sciences (CONIAPS XXI) organized by Department of Mathematics, GJUST, Hisar on 28-30 Oct., 2017
Prof. Om Parkash Sangwan	<ul style="list-style-type: none"> • Appointed as Expert (5259) for the Accreditation of A/B/C/O Level Courses by National Institute of Electronic and Information Technology, Delhi. (An Autonomous body of Department of Electronics and Information Technology, Ministry of Communications & Information Technology), Electronics Niketan, 6, CGO Complex, Lodhi Road, New Delhi-110003. • Appointed as Proctor for the conduct of Student Learning Assessment (SLA) TEQIP-III (No. TEQIP/GJUST/2019/2089-90 dated 05.03.2019). • Expert Member in Inspection committee for inspection of study Centre of Distance Education, GJUST, Hisar, (No.DE-3/2018/82 dt. 29.10.2018). • Member, Board of Studies & Research in Computer Science & Engineering, Member Departmental Research Committee (DRC). • Member, Screening Committee, for Verification of API Score and Screening of the Application for the grant of Higher Grade under CAS, Department of CSE, GJUST, Hisar. •
Mr. Deepak Nandal	<ul style="list-style-type: none"> • Selection Committee expert member, Matu Ram Engineering College, Rohtak • Selection Committee expert member, Chhotu Ram Polytechnic, Rohtak

iii) Member of Academic Bodies of other institutions:

Prof. Rishi Pal Singh	<ul style="list-style-type: none"> • Member of Academic Bodies of various other Institutions: <ul style="list-style-type: none"> ▪ MDU, Rohtak ▪ Indira Gandhi University, Meerpur, Rewari
Prof. Dinesh Kumar	<ul style="list-style-type: none"> • Member, Academic Council, DCRUST, Murthal • Expert Member, SOVET, IGNOU, Delhi • Member, Board of Studies (BOS), Faculty of Engineering & Technology, Central University of Haryana, Mahendergarh • Member, Board of Studies (BOS), Department of Computer Science & Applications, Kurukshetra University, Kurukshetra
Prof. Dharminder Kumar	<ul style="list-style-type: none"> • Member, Academic Council, Uttarakhand Open University, Haldwani. • Member, Faculty of Engineering and Technology, MDU Rohtak. • Member, Faculty of Engineering and Technology, MMU, Mullana. • Member, BOS in Engineering & Technology, MDU Rohtak. • Member, UGBOS, CS, CDLU, Sirsa. • Member, BOS, SRM University, Sonapat. • Member, DRC, BPSM Vishwavidyalaya, Khanpur Kalan, Sonapat.

Prof. Pradeep Kr. Bhatia	<ul style="list-style-type: none"> • Member of Advisory Committee • Member of Organizing Committee • Chaired a session in National Conference on Future Innovations in Computing Technologies & Machine Learning FICTML-2017, organized by DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS, MAHARSHI DAYANAND UNIVERSITY, ROHTAK, HARYANA (INDIA), November 21, 2017
Prof. Om Parkash Sangwan	<ul style="list-style-type: none"> ○ Appointed as Mentor to Govt. Polytechnic for NBA Accreditation by Haryana State Board of Technical Education, Panchkula, Haryana (Memo. No. 965 /HSBTE, dt.: 04.06.2019). ○ Member of Doctoral Committee-Reg, Department of Computer Science & Engineering, SRM University, Haryana (Ref. No.: SRMUH/CSE/PhD/2018/03, dated 11.04.2018). ○ Member, SRC, Department of IT, Delhi Technological University, Delhi.
Dr. Ritu Makani	<ul style="list-style-type: none"> • Member BOSR

(XIV) Detail of Consultancy Work in Department: NIL

Name of Teacher	Job Work	Name of Agency	Total Amount

(XV) Lectures (other than class) delivered (Give teacher wise detail)

Type	Topic/ Subject	Institution	Dates	Faculty Name
Invited talk delivered in refresher courses	Reference Management	HRDC Centre, GJUS&T Hisar	Oct. 2018	Prof. Saroj
Extension lectures	Reference Management	Department of Economics, MDU Rohtak	Jan. 2018	Prof. Saroj
	Data Analysis and Estimation Using MATLAB” from 1:45 pm to 3:15 pm and 3:15 pm to 4:45 pm on 21.03.2018, in the RUSA sponsored short term programme on “Research Methodology/Data Analytical Techniques in Science & Engineering”	Human Resource Development Centre, Guru Jambheshwar University of Science & Technology, Hisar	19.03.2018 to 23.03.2018	Prof. Om Parkash Sangwan
	Data Classification & Prediction Using MATLAB	UGC Sponsored Interdisciplinary Refresher Course on Information & Communication Technology, held	21.06.2018 to 11.07.2018	Prof. Om Parkash Sangwan

		at Human Resource Development Centre, Guru Jambheshwar University of Science & Technology, Hisar		
	“Embedding XML Files in to HTML Pages” & “Android Basics” during STTP on Web Technologies.	Deptt of CSE, GJUS&T sponsored by Haryana State Board of Technical Education.	4 th Jan’ 18 & 5 th Jan’ 18	Abhishek Kajal
	Web Technology, HSBTE students	CSE, GJUST	1-1-2018 5-1-2018	Sunil Kumar
Any other				

**(XVI) Additional Duties Performed/Positions held in the University
(Teacher-wise)**

Sr. No.	Name of Teacher	Additional Positions	Duration From To
1.	Prof. Om Parkash Sangwan	<ul style="list-style-type: none"> • Worked as In-Charge Chairperson in the absence of Chairperson, Department of CSE, GJUST. • Coordinator, B.Tech (1st Year and 2nd Year LEET) Admission Counseling 2091-20 w.e.f 20.05.2019. • Coordinator Spot Evaluation (Distance Education). 	

2.	Sunil Kumar	<p>Member Computer Society of India</p> <p>Proctorial Duty at youth Festival</p> <p>BTech Admission committee in Counseling July 2018</p> <p>Committee for State NSS award function 2018</p> <p>Program Officer in NSS Deputy Coordinator for GATE under TEQIP-III SLA Co-ordinator TEQIP-III</p> <p>Preparation for accreditation of NBA for B Tech Cultural committee in DAESSPS-2018 Swachh Bharat Internship Scheme 2018</p> <p>Member of BSc(Computer Science) Syllabus Committee</p> <p>Proctorial Duty in Campus 17-10-2018</p> <p>Youth Festival Duty in Nov.2018</p> <p>Committee member for 2nd National Seminar Member of Anti Raging Cell in CSE</p>	
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(XVII) Training & Placement Activities of the Department:

Activity	No. of Students placed	No. of Companies in which placed*
Training	Activity run at departmental level	
Placement	75	18

Sr. No.	Company Name	Student Name	Class
1.	TCS (National Qualification Test)	Rajan Rai	B.Tech
		Vikash Mishra	B.Tech
		Deepak Danda	B.Tech
		Usha Tanwar	B.Tech
		Prince Kathuria	B.Tech
		Narender yadav	B.Tech
		Kartik	B.Tech
2.	Nagarro Software Pvt.Ltd.	Sachin	B.Tech
		Pradeep Maheshwari	B.Tech
		Sachin	B.Tech
3.	75 Ways Technology	Sourabh	B.Tech
		Namita Sharma	B.Tech
		Kirti	MCA

4.	Wipro	Anil Relhan	B.Tech
		GAURAV KALRA	B.Tech
5.	Balaji Software Pvt.Ltd.	Ankit Agarwal	MCA
6.	Raps Pvt.Ltd.	Tarsem	B.Tech
		Saurabh Sharma	B.Tech
		Asha	B.Tech
		Anil	B.Tech
		Satish	B.Tech
7.	Orion Pvt. Ltd	Neerja Poonia	MCA
		Sachin Sardana	MCA
8.	Cognixia	Shubham	B.Tech
		Namita Patyal	B.Tech
		Deevanshi	B.Tech
		Pragya	B.Tech
		Amit Kumar	B.Tech
		Bhupesh Chabbra	B.Tech
9.	Dhwani Rural Information Systems	Dixit	MCA
		Pardeep Sogrwal	B.Tech
10.	Affulence Digital Solutions	Lovepreet	MCA
		Neeraj	MCA
		Guru Kamal	MCA
11.	InfoSys	Bijender Yadav	B.Tech
		GAURAV KALRA	B.Tech
		mayank Sharma	B.Tech
		Nitesh Nehra	B.Tech
		Rajan Rai	B.Tech
		Savita Saini	B.Tech
		Seema Jangra	B.Tech
		Varun Arora	B.Tech
		Bhavya Hasija	B.Tech
		Chandan Singh Rajput	B.Tech
		Mamta Kathuria	B.Tech
		Nancy Singal	B.Tech
		Pooja Singh	B.Tech
		Pragya Jha	B.Tech
12.	Experis IT	Atul Kumar Jha	B.Tech
		Sachin Kumar	B.Tech
		Satender	B.Tech

13.	Cognizant Technology Solutions	Sandeep Kumar	B.Tech
14.	Infosys		
		Usha Kumari	B.Tech
		kajal arara	B.Tech
		Kamal singh	B.Tech
		Suparna Kanjilal	B.Tech
15.	Glob-viva	Atul	B.Tech
		Buntree	B.Tech
		Deepak kashyap	B.Tech
		Nitesh Kaushik	B.Tech
16.	75 Ways Technology	Nipun Kumar	B.Tech
		Shubham Jindal	B.Tech
		Varun Kumar	B.Tech
		Peeyush Jindal	B.Tech
		Sumit Kumar	B.Tech
17.	Collebera	Manupriya	B.Tech
		Mohit Sharma	B.Tech
		Priyanka Charde	B.Tech
		Yamini Saini	B.Tech
		Shweta Sharma	B.Tech
		Jaspreet Singh	B.Tech
		PINKI	B.Tech
		Harshita	B.Tech
18.	Decimal Technology	Deepak	B.Tech
		Tarun Sharma	B.Tech
		Tushar Gupta	B.Tech

(XVIII) Detail of Academic activities/Professional Activities/ Programes Organized in Department during the year:

- i) Seminar /Conference/Refreshers course : (with title and date)
1. **Prof. Om Parkash Sangwan** : 2nd National Seminar on “Design of 5G Network Using Soft Computing Techniques”, March 28-29, 2019, Organized by Department of Computer Science & Engineering, Guru Jambheshwar University of Science & Technology, Hisar Haryana, sponsored by UGC under Sap Grant (Organizing Secretary).
 2. Extension lecture : (with resource person & date)
 3. Students tour/ training program : (with dates and places visited)
 1. **Sunil Kumar- 2-3 rd March 2019 SIH'19 at PSIT Kanpur. The event was for Ministry of Ayush**
 4. Industry interaction programs : (with name of company & date)
 5. Any other:

(XIX) Awards/ Honours received by Faculty (Give teacher-wise details about title of award, awarding agency and date of conferment):

(XX) Any other important Information/ Achievement of the Department:

ANNEXURE

DEPARTMENT OF Computer Science & Engineering

- (I) TOTAL NO. OF RESEARCH PAPERS PUBLISHED: 42**
NATIONAL: Nil
INTERNATIONAL: 42
- (I) TOTAL NO. OF FUNDED RESEARCH PROJECTS: 01**
COMPLETED: Nil
ON GOING: 01
- (III) TOTAL NO. OF PARTICIPATED AND CONTRIBUTED RESEARCH PAPERS: 42**
SEMINARS & CONFERENCES: 10
INTERNATIONAL LEVEL: 10
- (IV) TOTAL NO. OF BOOKS PUBLISHED: 02**
- (V) NUMBER OF SCHOLARS COMPLETED THEIR PH.D. DEGREE: 04**
- (VI) TOTAL NUMBER OF SCHOLARS REGISTERED TO PH.D. PROGRAMME**
16