M.TECH. THESIS GUIDED BY FACULTY MEMBERS

Sr. No.	Title	Student's Name	Univ. Roll No.	Guide's Name	Month	Year
1.	An encapsulation based metircs for removing the inconsistencies and incompleteness of MOOD Metrics	Mehak Aggarwal	M-04140361	Ms. Sunint Saini	December	2006
2.	ECG Classification using fuzzy logic	Mandeep Kaur	M-04140360	Ms. Amandeep Kaur Sohal	December	2006
3.	Design Evaluation of Robust Algorithm for digital image watermarking	Inderjeet Kaur	M-04140356	Ms. Manpreet Kaur	March	2007
4.	Pitch Normailisation on Concatinative Punjabi Speech Synthesis System	Rupinder Kaur	M-04140367	Mr. Parminder Singh	June	2007
5.	Optimization of Neuro-Fuzzy System to determine S/W Quality for Object Oriented Approach	Parwinder Pal Singh	5140341200	Mr. Parminder Singh	July	2007
6.	Robust Methodology for Audio Pattern Recognition Using ANN	GeetikaMunjal	M-04140353	Mr. Sunint Saini	August	2007
7.	Speech Recognition Of Isolated Punjabi Words using Hidden Markov Model `	Baldeep Kaur	5140341188	Mr. Parminder Singh	September	2007
8.	Automative Categorization of Software Modules	Madhu Bala	5140341193	Mr. Parvinder Singh	October	2007
9.	Reduction of Blocking Arti facts in JPEG Compressed images	Rajandeep Kaur	M-04140314	Mr. Amanpreet Singh Brar	August	2007
10.	Field Programmable gate array implementation of Network Repeater	Payal Jain	04140309	Mr. Amandeep Kaur Sohal	October	2007
11.	Performance analysis of various images using Quad tree Partitioning	Kamaljit Kaur	M-04140313	Mr. AmanpreetSnghBrar	October	2007
12.	Rule Based Emotional speech generation for Punjabi language	Simrat Kaur	04140301	Mr. Parminder Singh	October	2007
13.	Text pre-processing Schema Deletion and Syllablification Of Punjabi words	Amanpreet Kaur	5140341185	Mr. Parminder Singh	January	2008
14.	Approaches for categories of reusable software components	Janpreet Singh	M-04140358	Mr. Parminder Singh & Parvinder Singh	April	2008
15.	A New Quantifiable Approach to evaluate complexity	Sandeep khimta	6140341197	Mr. Amanpreet Singh	September	2008

16.	if Java Beans Software components			Brar		
17.	A novel Algorithm for Image Restoration using wavelets	Preety Kapoor	5140341199	Mr. Amanpreet Singh Brar	September	2008
18.	Development of software effort estimate Model using statistical and Soft computing technique	Pourush Bassi	M-6140341195	Mr. Amanpreet Singh Brar	December	2008
19.	Enhanced Model for Character based Phylogentic Tree Generation	Yogyata Gupta	M-6140341201	Mr. Sukhjit Singh Sehra	December	2008
20.	TD-PSOLA based concatenative speech Generation of Punjabi	Jasdeep Kaur	5140341190	Mr. Parminder Singh	December	2008
21.	Balancing Energy Consumption in Wireless Sensor Networks through Dynamic Cluster Head Selection	EktaSachdeva	04140307	Mr. Amanpreet Singh Brar	September	2008
22.	Hidden Morba Model Based Speech Recognition of connected Punjabi words	Manjot Kaur Gill	M-6140341190	Mr. Parminder Singh	June	2009
23.	Missing Value Estimation for DNA Microarray Gene Expression Data	Amanjot Singh	M-6140341186	Mr. Sukhjit Singh Sehra	July	2009
24.	Biogeography Based Land Cover Feature Extraction	Navdeep Kaur	5140341201	Mr. Parminder Singh	July	2009
25.	Early s/w Quality Estimations with Fault Proneness Defect Data	Arashdeep Kaur	M-6140341187	Mr. Amanpreet Singh	July	2009
26.	Missing value Estimation for DNA Microarray Gene Expression Data	Amanjot Kaur	6140341186	Mr. Sukhjit Singh Sehra	Sept	2009
27.	A technique for Gray-Scale image into color image conversion	Vijay Kumar Samyal	61403213	Mr. Parminder Singh	July	2009
28.	A Fuzzy Logic Approach to Predict the Software Testability and Reliability	Navdeep Kaur	5140338186	Mr. Sunint Kaur	October	2009
29.	Removing Spectral Discontinuities in concatenative Speech Generation	Arvinder Kaur	5140341184	Mr. Parminder Singh	January	2010
30.	Punjabi Speech Synthesis Using Format Method	Amanpal Singh Rayat	71403001	Mr. Parminder Singh	February	2010
31.	Intelligence System for software maintenance severity prediction	Sunil Kumar	04140319	Mr. Amanpreet Singh Brar& Mr. Parvinder Singh Sandhu	May	2010
32.	Development of Sound File Format Convertor	Jaspreet Kaur	71403007	Mr. Parminder Singh	June	2010
33.	Scalable Energy efficient AD-HOCin demand distance	Mandhir Kaur	71403011	Mr. Jasbir Singh	June	2010

34.	vector (SEE-AODV)Routing Protocol in the wireless mess networks			Saini		
35.	Weighted Approach to passive clousks based routing protocol for Mobile AD-HOC networks	Shaveta Angurala	M-04140368	Mr. Parminder Singh	July	2010
36.	To Design an Efficient N/W Security Algorithm for message encryption in multipath routing	Harsimranjeet Kaur	M-04140355	Ms. Amandeep Kaur Sohal	July	2010
37.	Prosody modification of wave files	Poonam Sihag	5140338191	Mr. Parminder Singh	July	2010
38.	Computational Model for ProharjoticandEukarjotic gene Production	Sandeep Kaur	5140341197	Mr. Sukhjit Singh Sehra	December	2010
39.	Role Based Access Control for Grid Enviornment	Simarjit Kaur	61403208	Mr. Sukhjit Singh Sehra	August	2010
40.	Modeling of Fault Prediction in Software Systems	Deepali Gupta	04140328	Mr. Amanpreet Singh Brar	December	2010
41.	Efficiency Improvement in RMN by Using Monte-Carlo Method	MamtaSingla	04140303	Mr. SumeetkaurSehra	February	2010
42.	Early prediction of Fault Proneness in Software modules	Raman	61403204	Mr. Amanpreet Singh Brar	February	2010
43.	Signature based Detection and Prevention of Bonnets	Sunny Behal	61403211	Mr. Amanpreet Singh Brar	January	2010
44.	Performance enhancement of various traffic types in 802.11 based Wireless mesh network	Jatinder Singh Saini	71403084	Mr. Jasbir Singh Saini	January	2010
45.	Implementation of DSA using ECC-A Better Approach	Kulwinder Singh	04260306	Mr. Amanpreet Singh Brar	July	2010
46.	Automatic Segmentation of Wave File	Nishi Sharma	5140338188	Mr. Parminder Singh	June	2010
47.	Comprehensive Complexity measure: A new metric to measure the software complexity	Satinderjit Singh	5140338197	Mr. VivekThapar	May	2010
48.	Robust Statistics based Filter to Remove Salt and pepper noise in Digital images	GurpreetChahal	61403193	Mr. Pardeep Kumar (caretaking guide Parminder Singh)	September	2010
49.	Performance Analysis of Queuing Discipline For Networks	Navjot Kaur	71403012	Mr. Sukhjit Singh	April	2011
50.	Mobility Aware Cache Management in wireless environment	Gagandeep Kaur	6140341188	Mr. J.S. Saini	April	2011

51.	Measuring The Software Metrics from Diagrams Using Program Slicing	Daljeet Singh	96336582124	Ms. Sunint Kaur Khalsa	November	2011
52.	Calculating The Design Metrics From Class Diagrams Using Program Slicing	Akhilesh Kumar	96336582120	Ms. Sunint Kaur Khalsa	November	2011
53.	Phoneme Based Text To Text system For Punjabi	Manpreet Kaur	801011070110	Mr. Parminder Singh	December	2011
54.	Emotional Speech Generation For Punjabi Using Digital Signal Processing Technique	Manpreet Kaur	6140341192	Mr. Parminder Singh	December	2011
55.	Development of Rule Based Intrusion Detection System for Windows	Guneetpal Singh	71403083	Mr. VivekThapar	January	2011
56.	Compression of 2D images using In-place modified Fast Haar Wavelet transform	Kiran Arora	71403085	Mr. Amanpreet Singh Brar	January	2011
57.	Improving the Performance in Distributed Environment by manufacturing Consistency in Cache	BoshanpreetBhathal	61403189	Mr. Sandeep Singla (caretaking Guide Parminder Singh)	May	2011
58.	Development Of Voice Based User Machine Interface For Punjabi	Bhupinder Singh	71403080	Mr. Parminder Singh	November	2011
59.	Satellite Image Classification By Hybridisation Of Fpab Algorithm And Bacterial Chemotaxis	Loveleen Kaur	80101107031	Mr. Parminder Singh	December	2011
60.	A Simulator For 4G Wireless Network	Sushil Kumar	71403096	Mr. Jasbir Singh Saini	December	2011
61.	An Optimal Approach To Object Extraction System For World Wide Web	Priya Joshi	80101107043	Mr. Amanpreet Singh Brar	August	2012
62.	Performance Analysis Of WSN Routing Protocols Against WormholeAttack	Varsha	96336582137	Mr. VivekThapar	January	2012
63.	Despeckling of Ultrasound ImagesUsing Wavelets	Gunjan	96336582127	Mr. Amanpreet Singh Brar	April	2012
64.	A Hybrid Technique For Medical Image Compression	Saurabh Sharma	80101107016	Mr. Amit Kamra	June	2012
65.	A Novel Method For Edge Detection Of Natural Color Images	Maninder Kaur	100376580231	Mr. VivekThapar	August	2012
66.	Visualizing The Software Metrics Of State Chart Diagram Using Program Slicing	Lavleen Kambow	100376580230	Ms. Sumeet Kaur Sehra	October	2012
67.	Multi-focus Image Fusion	Sukhdip Kaur	100376580240	Ms. Kamaljit Kaur	October	2012
68.	Speech Recognition Of Connected Punjabi Words At	Parneet Kaur	100376580234	Mr. Parminder Singh	October	2012

69.	Phoneme Level Using Hidden Markov Model Technique					
70.	Removal of spectral Discontinuities in Concatenated Punjabi Speech waveform	Deepika Singh	100376580225	Mr. Parminder Singh	December	2012
71.	Development Of Speaker Identification System For Punjabi Language	VidushiGarg	100376580241	Mr. Parminder Singh	December	2012
72.	Speech Generation System For Punjabi : A Helping Tool For Cognitive Disability	Simmi Luthra	100376580237	Mr. Parminder Singh	December	2012
73.	Feature Enhancement Of Natural Images Using Fuzzy Logic	Divya Sobti	96336582125	Mr. Amanpreet Singh Brar	December	2012
74.	Normalisation And modification of Concatenated Speech Using TD-PSOLA Method	Jasmeet Singh	614031986	Mr. Parminder Singh	March	2012
75.	Development of a new Algorithm for fault tolerant multistage interconnection network	ShamaPathania	71403094	Mr. Jasbir Singh Saini	July	2012
76.	Prediction of Fault in Open Source Software System Using FEM	AtulBisht	96336582148	Mr. Amanpreet Singh Brar	November	2012
77.	Grid Partitioned Based Neuro-Fuzzy System for Prediction of Level of Severity of Fault in Software Systems	Gagandeep Singh	96336582146	Mr. Amanpreet Singh Brar	August	2012
78.	A Bayes Network Based Classification Approach for Evoluation of Success of Software Resuse	Amanpreet Singh	96336582147	Mr. Amanpreet Singh Brar	August	2012
79.	Implementation of TTL and Fragmentation over the Performance of MANET Routing Protocols	Mandeep Kaur	1168050	Mr.Jasbir Singh Saini	December	2013
80.	An efficient method for improving the mobile computing environment through the addition of replicated mobile agents in the system	Anuradha	71403079	Mr. Amanpreet Singh Brar	January	2013
81.	Improving Security policies in Mobile Agent Based Systems	Jaspreet Kaur	96336582166	Mr. J. S. Saini	February	2013
82.	A Novel approaches of lossless image compression using two techniques	Tanureetkaur	M-80101107044	Mr. Amanpreet Singh Brar	February	2013
83.	An Optimal Approach to testing Web Based Application	Ashish Jalota	80101107045	Mr. Amanpreet Singh Brar	March	2013
84.	Simulation Model for Software Reuse Strategy	Kanwaljeet Kaur	96336582153	Mr. Vivek Thapar	March	2013
85.	Syllable boundary detection System for development	Gurpreet Kaur	M-	Mr. Parminder Singh	May	2013

86.	of Punjabi Speech detection		80101107049			
87.	Performance Analysis of Grid based planning in WSNS over 802.15 networks	Reecha Sood	80101107036	Mrs. Summet Kaur Sehra	September	2013
88.	Effect Of Data Mining Techniques On Software Effort Estimation	Jasneet Kaur	100376582190	Mrs. Sumeet Kaur Sehra	September	2013
89.	Modification Of Basic CNP Using Rule Mining In FIPA-ACL, KQML and FLBC Languages	Sandeep Kaur	80101107032	Mrs. Sumeet Kaur Sehra	December	2013
90.	Formal Measure of the effect of MANET size over the Performance of various Routing Protocols.	Pooja Kamboj	1168055	Mr. Jasbir Singh Saini	February	2014
91.	Adaptive Contrast Enhancement Of Medical Ultrasound Images	Gursheen Kaur Makkar	1168039	Mr.AkshayGirdhar, Ms. Jappreet Kaur	March	2014
92.	Extended Twofish Block Cipher Algorithms For 256-Bit Blocks And Performance Comparison With Twofish	Rajveer Kaur	1168059	Mr.Jasbir Singh Saini	July	2014
93.	An Efficient Priority Based Load Balancing Algorithm For Cloud Environment	Harmandeep Singh	1268391	Mr. VivekThapar	August	2014
94.	Ant Colony Optimization Based Software Effort Estimation	Nishu Dewan	1268377	Er. Sumeet Kaur Sehra	July	2014
95.	A Fuzzy AHP Based Approach For Selecting Best Software Quality Model	Ritika Kohli	1268405	Er. Sumeet Kaur Sehra	August	2014
96.	An Efficient Service Broker Policy For Cloud Computing Environment	Kunal Kishor	1268399	Mr. VivekThapar	August	2014
97.	Modification Of TTS Output Speech Signal To Enhance Its Naturalness	Harpeet Kaur	1168043	Dr. Parminder Singh	October	2014
98.	A novel Approach For Denoising of medical images using fuzzy based technique	AchharpreetKakkar	100376582199	Mr. Amit Kamara and Ms. Jappreet Kaur	June	2014
99.	Transliteration to Punjabi in a multiscript Text	Kamaljeet Kaur	1268397	Dr. Parminder Singh	July	2014
100.	Morphology based enhancement of medical images – A novel approach	Ramneet Kaur	1268404	Mr. Amit kamra and Ms. Jappreet Kaur	July	2014
101.	Ant colony optimization based software effort estimation	NishuDiwan	1268377	Ms .Sumeet Kaur Sehra	July	2014
102.	Enhancement of Masses in Mammograms	Pragya	1268403	Mr. Amit Kumar & Ms Jappreet Kaur	August	2014

103.	A fuzzy based approach for selecting best software quality model	RitikaKohli	1268405	Ms .Sumeet Kaur Sehra	August	2014
104.	An Efficient Priority Based Load Balancing Algorithm for Cloud Environment	Harmandeep Singh	1268391	Mr. Vivek Thapar	August	2014
105.	An efficient service broker policy for cloud computing environment	Kunal Kishore	1268399	Mr. Vivek Thaper	August	2014
106.	Development of Cost effective method for software reuse	Navdeep Singh	1268402	Ms .Sumeet Kaur Sehra	October	2014
107.	A Novel Approach For Denoising Of Medical Images Using Fuzzy Based Techniques	Achharpreet Kakkar	100376582199	Mr.Amit Kamra	June	2014
108.	Implementation Of New Modified MD5-512 Bit Algorithm For Cryptography	Priyanka Walia	71403090	Mr.Vivek Thapar	July	2014
109.	Punjabi Speech Synthesis System For Android Mobile Phones	Jagmeet Kaur	100376582183	Dr.Parminder Singh	July	2014
110.	To Investigate The Flexible Quality Of Service Model For Mobile AD-HOC Networks	Mohit Kumar	1168053	Er.Jasbir Singh Saini	July	2014
111.	Extended Twofish Block Cipher Algorithms For 256-Bit Blocks And Performance Comparison With Twofish	Rajveer Kaur	1168059	Mr.Jasbir Singh Saini	July	2014
112.	Optimization Of Anti-Algorithms By Using Clustering, Load Balancing And Energy Conservation	Rajdeep Singh Chauhan	100376582191	Mr. Jasbir Singh Saini	April	2014
113.	To Investigate The Flexible Quality Of Service Model For Mobile Ad-hoc Networks By Varying Mobility Using OPNET	Mohit Kumar	1168053	Mr. Jasbir Singh Saini	July	2014
114.	Punjabi speech synthesis system for android mobile phones	Jagmeet kaur	100376592183	Dr.Parminder singh	July	2014
115.	Implementation of new modified MD-5-bit algorithm for cryptography	Priyanka Walia	7140390	Mr.Vivek Thapar	July	2014
116.	Modification of TTS output speech signal to enhance its naturalness	Harpreet Kaur	118043	Dr.Parminder singh	September	2014
117.	Compression of waveform signal	Dilpreet Singh	1351500	Dr. Parminder Singh	August	2015
118.	Development of the effort estimation model using fuzzy decision trees	Amit Kumar	1312065	Ms. Sumeet Kaur Sehra	June	2015

119.	Tuning of COCOMO Model Parameters by using Bee Colony optimization	Sherry Chalotra	1312077	Ms. Sumeet Kaur Sehra	June	2015
120.	Punjabi Dialects Conversion System for Malwai & Doasi Dialects	Arvinder Singh		Dr. Parminder Singh and Ms. Kamaldeep Kaur	July	2015
121.	Android gazed Punjabi TTS system	Hardeep	1312067	Dr. Parminder Singh	July	2015
122.	Prediction of heart disease using enhanced Association rule based algorithm	Karandeep Kaur	1312070	Ms. Poonamdeep Kaur	August	2015
123.	Prediction of human talent using enhanced naive Bayes algorithm.	Rajvir Kaur	1312074	Ms. Poonamdeep Kaur	September	2015
124.	Investigating relationship between software effort estimation and team parameters	Navjot Bagla	100376582179	Ms. Sumeet Kaur Sehra	February	2015
125.	Improved Geographic Adaphve fileling in wireless sensor	Jagmeet Singh Baweja	100377482739	Mr.Vivek Thapar	January	2015
126.	Evaluating impact of decomposition of the classes on the stability of software architecture	Harpreet Kaur	100377482745	Ms. Sumeet Kaur Sehra	April	2015
127.	A Novel fednique to defect Semantic Clone	Nirpjeet Kaur	1268532	Ms. Sumeet Kaur Sehra	June	2015
128.	URL nelevanoy Colenlation using Decision Tree Indnation	Kamaljit Kaur	96336582161	Ms. Sumeet Kaur Sehra	July	2015
129.	Improving the performance of wireless sensor networks using multiple data collectors	Kamini Sharma	96337482328	Mr. J.S. Saini	July	2015
130.	Iris Recognition Based on Region Growing Wavelet transformation	Amritpal Kaur	100376582185	Er. Poonamdeep Kaur	August	2015
131.	Quality Assessment of Crowal soured data	Maninder Pal Singh	100377482738	Mr. Sukhjit Singh Sehra	October	2015
132.	A framework for software quality model selection using TOPSIS	Simarpreet Kaur	1268386	Ms. Sumeet Kaur Sehra	January	2015
133.	A Novel approach to improve the	Antterpreet Kaur	1411641	Dr. Amit Kamra and Ms. Jappreet Kaur	June	2016
134.	Development of Machine Learning Algorithm for sentiment analysis of crowdsovread web data	Jasleen Kaur	1411645	Mrs. Sumeet Kaur Sehra Mr. Sukhjeet Singh Sehra	June	2016
135.	A Rule Based Punjabi Dialect Conversion System	Anterpreet Kaur	1411640	Dr. Parminder Singh	July	2016

136.				Ms. Kamaldeep Kaur		
137.	Detection and Smoothing of Spectral discontinuities in concatenative speech	Birpal Kaur	1411642	Dr. Parminder Singh Ms. Kamaldeep Kaur	July	2016
138.	Punjabi speech generation using festival framework	Sukhpreet Kaur Gill	1211655	Dr. Parminder Singh Daljeet Singh	July	2016
139.	An opinion mining approach to investigate crowdsovred web data	Ramandeep Sharma	1411650	Mr. Sukhjeet Singh Sehra Mrs. Sumeet Kaur Sehra	June	2016
140.	Rule Based approach for identification of errors in open street map data	Navneet Kaur	1411648	Mr. Sukhjeet Singh Sehra Mrs. Sumeet Kaur Sehra	July	2016
141.	Characteryation of tissue for ultrasound liver images	Harpreet Kaur	1312069	Ms. Jappreet Kaur Manpreet Kaur Grewal	July	2016
142.	SVM based spoken numerals recognition for Punjabi language	Satbir Kaur	1411652	Ms. Manjot Kaur	July	2016
143.	Development of anaphora resolution system for Punjabi text	Harjinder Kaur	1411643	Ms. Kamaldeep Kaur	July	2016
144.	Design and Development of mobile application for mining into open street map data	Pawan Verma	1411649	Mr. Sukhjit Singh Sehra Kapil Sharma	July	2016
145.	Feature extraction and pattern matching mechanism for speech of Punjabi numerals.	Sherry Vijh	1411653	Dr. Parminder Singh	July	2016
146.	Development of Mobile Application for route navigation	Vandana Toor	1411656	Mr. Kapil Sharma	July	2016
147.	Ultrasound image enhancement of kidney with stones using laplacian kernels	Mohit Samnotra	96336582131	Ms. Jappreet Kaur	July	2016
148.	Implenutation of Hybird Load balancing Algorimm for cloud computing	Sukhjinder Singh	1168064	Mr. Vivek Thapar	January	2016
149.	Classification of customer membership curd using data mining classification algonthhms	Gurpreet Kaur	1268521	Ms. Poonamdeep Kaur	January	2016
150.	Software development effort estimation using artificial neural network and regression modelling	Disha Sharma	100376582178	Sumeet Kaur Sehra	February	2016

151.	Design and development of framce work focidintifying errors in crowd source map data	Ramanpreet Kaur	12685236	Er. Sukhjeet Singh Sehra	June	2016
152.	Online news classifications using neural network and support vector machine classification	Bhumika	100377482758	Mr. Sukhjeet Singh Sehra	June	2016
153.	Designing and Development of Database Testing tool	Taranpreet Kaur	100377482760	Ms. Sumeet Kaur Sehra	June	2016
154.	A novel approach for content based mammogram Image Retreival using tenture features	Karamvir Singh	1351531	Mr. Hardeep Singh Kang	July	2016
155.	An improved classifier based on support vector machine algorithm for heart disease	Sapandeep Kaur	100376582180	Dr. Parminder Singh	July	2016
156.	Isolated work speech recognition system for Punjabi language using ANN	Gagandeep Kaur	1351523	Manjot Kaur Gill / Kamaldeep Kaur	August	2016
157.	Classification of user blockages of open street map data	Nitasha Sirgla	1168190	Er. Sukhjeet Singh Sehra	July	2016
158.	A spatial data mining approach for apenstment data	Kirandeep Kaur	1351511	Pryanka Arora	September	2016
159.	An Enhanced Virtual Machine Load Balancing Algorithm for Cloud Thopoal	Pooja	1268533	Mr. Vivek Thapar	July	2016
160.	Open Source frame work for light weight virtualization of serves	Amit Kumar	1168030	Er. Jasbir Singh Saini	December	2016
161.	Heart disease production system using binary particle swarn optimization algorithm	Karamjeet Kaur	1351510	Gagandeep Kaur Grewal	October	2016
162.	A voice modelling approach for experience speech synshers for Punjabi	Amandeep Singh	1351494	Dr. Parminder Singh	December	2016
163.	Detection and Prevention of Denial of Service Attack on mobile Adhoc Network	Guhzar Singh	1268519	Dr. Jasbir Singh Saini / Gurdeep Singh	March	2016
164.	An efficient approach to detect outliers in open street map data	Kriti Bhatia	1268398	Er. Sukhjit Singh Sehra and Er. Geetika	April	2017
165.	Sentiment Analysis on Punjabi News Articals using SVM	Gagandeep Kaur	1508494	Ms. Kamaldeep Kaur	July	2017
166.	Angurented reality framework for mapping and assessing completeness	Kamalpreet Kaur Grewal	1508497	Prof. Sukhjit Singh Sehra	June	2017
167.	Expressive speech synthesis for Punjabi	Komaldeep Kaur	1508498	Dr. Parminder Singh	June	2017
168.	Mobile devices enabled map interface for destocks free navigation	Manjinder Kaur	1508499	Mr. Sukhjeet Singh Sehra and Mrs.	June	2017

				Sumeet Kaur Sehra		
169.	Wavelet based algorithm for the identification of rain mass from radar images	Rajdeep Kaur	1508501	Dr. Akshay Girdhar Er. Priyanka Arora	June	2017
170.	Detection of convective cloud movement	Roopali Kalra	1508503	Dr. Akshay Girdhar Er. Priyanka Arora	June	2017
171.	Smoothening of Coneatenative generated speech	Sarpreet Kaur Gill	1508504	Dr. Parminder Singh	June	2017
172.	Design and development of tool for assessing OSM completness	Sonali Arora	1508506	Mr. Sukhjeet Singh Sehra Mrs. Sumeet Kaur Sehra	June	2017
173.	Computer vision based vegetable grading and sorting	Sukhpreet Kaur	1508508	Dr. Akshay Girdhar Jasmeen Gill	June	2017
174.	Assessing semantic information of volunteered geographic information	Gursimar Kaur	1539320	Mr. Sukhjeet Singh Sehra Mrs. Sumeet Kaur Sehra	October	2017
175.	Speech Recognition of Punjabi Numerable using HMM and DTW	Kanika Sharma	1268372	Dr. Parminder Singh	February	2017
176.	Parameter based performance analysis of queering disciplanes	Rajeev Sharma	1003376582198	Er. Sukhjeet Singh Sehra	February	2017
177.	Speech recognition of Punjabi numerals using HMM and DTW	Kankia Sharma	1268372	Dr. Parminder Singh	February	2017
178.	A new framework for similarity finding using gig data analytics	Jaspreet Kaur	1268370	Mr. Vivek Thapar	February	2017
179.	HMM Based expressive spell synthesis	Jasmine Kaur	1268369	Dr. Parminder Singh	June	2017
180.	Classifying and assessing XML tags of open street map data	Jaspreet Kaur	1268524	Mr. Sukhjeet Singh Sehra	August	2017
181.	Optimization of COCOMO parameters by using TLBO Algorithm	Gagandeep Kaur	1351502	Er. Sumeet Kaur Sehra Er. Kamaldeep Kaur	May	2017
182.	An Optimized Neuro Fuzzy System for student placement performance production	Harminder Kaur	1351509	Er. Priyanka Arora	July	2017
183.	Distributed Resource Management and Scheduling in a Global Computational Power Grid	Manroop Kaur	1270220	Dr. Manpreet Singh Gurdeep Singh	May	2017

184.	A Novel framework for E-Health Services using Geo-Distributed Clouds	Navneet Kaur	1268376	Dr. Kulvinder Singh Mann Mr. Hardeep Singh Kang	May	2017
185.	Enhanced NN RZ LEACH using hybrid ACO/PSO for mobile sink in WSNs	Deepshikha	1168035	Priyanka Arora	June	2017
186.	Distance based energy efficient clustered routing protocol in heterogeneous wireless	Hitesh Nayyar	1168045	Dr. Manpreet Singh Er. Rajveer Kaur	June	2017
187.	Randomized energy efficient chain based cluster cooperative protocol (REECCP) for wireless sensor network	Avtar Singh	1168033	Dr. Manpreet Singh and Er. Rajveer Kaur	June	2017
188.	Improvement of K- Mean clustering algorithm using MAP reduce paradigm	Harmandeep Kaur	1351507	Mr. Jagdeep Singh Mr. Kapil Sharma	June	2017
189.	Punjabi speech synthesis using formant method	Ruhi Rani	1168062	Dr. Parminder Singh	June	2017
190.	Webpage optimization by analysing response time	Isharpreet Kaur	100376582181	Er. Geetika Batta	July	2017
191.	Development of disease detection system using leaf image analysis	Ankurdeep Kaur	1351520	Dr. Manpreet Singh and Ms. Priyanka Arora	July	2017
192.	Data Mining and web scrapping using naive bayes algorithm	Harmandeep Kaur	1351506	Ms. Kamaljeet Kaur	December	2017
193.	Time efficient been algorithm for WSN	Karanpreet Kaur	1268527	Er. Gurdeep Singh Er. Rajveer Kaur	May	2017
194.	Fusion of medical images using wavelet transfer and PCA	Aanchal Mahajan	1351517	Er. Jappreet Kaur	December	2017
195.	Automated system for the identification of liver tumour in ultrasound images	Jatinder Kaur Dhaliwal	1168047	Ms. Jappreet Kaur	April	2018
196.	A Framework to identify semantic patterns from a corpus	Naveen Raturi	1607501	Er. Sumeet Kaur Sehra	June	2018
197.	Context based scorch system for Punjabi text	Pavneet Singh	1607506	Dr. Parminder Singh	June	2018
198.	An Improved DEEHC to extend lifetime of WSN	Pragati Dikshit	1607507	Prof. Rajveer Kaur Hyher Prof. Goldendeep Kaur	June	2018
199.	Formant Synthesis Based speech generation for Punjabi	Gurinder Kaur	1607494	Dr. Parminder Singh	June	2018

200.	Development of real time system for file compression	Jaswant Singh	1607496	Mr. Vivek Thapar	June	2018
201.	Speech recognition based speaker identification system	Navjeet Kaur	1607502	Dr. Parminder Singh Prof. Manjot Kaur	June	2018
202.	Construction of phylogentic tree using MEGA	Amandeep Kaur	1351518	Dr. Ajay Shiv Sharma and Pf. Jasbir Singh Saini	April	2018
203.	AODV based hybrid approach for wireless body area network classification	Shivneet Kaur	1411725	Mr. Manpreet Singh Ms. Gurjit Kaur	May	2018
204.	An approach based on feature weighing and grey wolf optimisation algorithm for software effort estimation	Meenakshi	80101107028	Ms. Sumeet Kaur Sehra	May	2018
205.	Use of software metrics to improve the quality of software projects using regression testing	Arshpreet Kaur	96337482321	Er. Sumeet Kaur Sehra	July	2018
206.	Disease Prediction System using Improved K-Means Clustering Algorithm and Machine Learning	Chandanpreet Kaur	1707202	Prof. Amandeep K. Sohal Prof. Kapil Sharma	September	2019
207.	An Artificial Neural Network Based Sentiment Analysis System using Optimization Technique	Gitanjali	1707203	Prof. Amandeep K. Sohal Prof. Shailja	September	2019
208.	Spell Checker for Punjabi Language using Deep Neural Network	Gurjit Kaur	1707204	Dr. Parminder Singh Prof. Kamaldeep Kaur	September	2019
209.	Routing in Multi-Channel Allocation using ZRP for Wireless Mesh Network	Gursehajvir Singh	1707205	Prof. Jasbir Singh Saini	July	2019
210.	Student Performance Prediction using Classification approach in Data Mining	Harminder Kaur	1707206	Prof. Amandeep K. Sohal Prof. Gurjit Kaur	October	2019
211.	Generation of Punjabi Speech using Statistical Parametric Speech Synthesis Technique	Harsimarjeet Kaur	1707207	Dr. Parminder Singh	July	2019
212.	Acoustic Vowel Parameters Based Dialect Classification for Punjabi Speech	Harsimran Kaur	1707208	Prof. Manjot Kaur Gill	September	2019
213.	An Improved Indoor Scene Classification Technique based on Texture Features using SVM	Jashandeep Singh Gill	1707209	Prof. Amanpreet Singh Brar	September	2019
214.	Speech Enhancement for Punjabi Language using Deep Neural Network	Jaspreet Singh	1707210	Prof. Kamaldeep Kaur	September	2019
215.	Wheat Crop Yield Prediction using Probability based Classification Approach	Manjot Kaur Walia	1707212	Prof. Amanpreet Singh Brar	October	2019

216.	Sentiment Analysis of twitter data using N-gram and KNN	Meetali	1707213	Prof. Mandeep Kaur Prof. Amandeep K. Sohal	October	2019
217.	Hybrid Approach of Artificial Neural Network and Decision Tree for Intrusion Detection System	Navpreet Kaur	1707214	Dr. VivekThapar Prof. Kapil Sharma	September	2019
218.	Disease Detection System for ECG Signal Using Optimized Convolution Neural Network as a Classifier	Shifa Grover	1707215	Prof. Shailja	September	2019
219.	Punjabi Speech Syllable Segmentation Using Vowel Onset Point Identification	Sukhjinder Kaur	1707216	Prof. Manjot Kaur Gill	September	2019
220.	Exploring The Hidden Patterns of Cyber bullying on Social Media	Swaranjit Singh	1707217	Dr. Vivek Thapar	September	2019
221.	Analysis of Task Scheduling between Cloud and fog in Internet of Things	Tawseef Ahmed Bhat	1707218	Prof. Jasbir Singh Saini	September	2019
222.	Real-Time Action Recognition using Human Skeleton	Amanjit Kaur	1805778	Prof. Supreet Kaur Prof. Diana Nagpal	April	2021
223.	Stock Analysis And Prediction in Machine Learning	Ankit kumar	1805779	Prof. Jasbir Singh Saini	March	2021
224.	Apple Leave Disease detection Using ICA-CNN	Gagneet Kaur	1805781	Prof. Piyanka Arora Prof. Jasdeep Kaur	April	2021
225.	An Ensembled Classification Approach for Diabetes	Himani Sharma	1805783	Prof. Kuljeet Kaur	April	2021
226.	A Hybrid Approach for the Prediction of Liver Disorder using Data Mining	Himanshi Bansal	1805784	Prof. Kapil Sharma Prof. Goldendeep Kaur	April	2021
227.	Energy Efficient Routing Approach in Wireless Sensor Networks Using Machine Learning	Komal	1805787	Prof. Amandeep K. Sohal	March	2021
228.	Energy Efficient Optimized Approach for Virtual Machine Migration in Cloud Environment	Kulvinder Kaur	1805788	Dr. Inderjit Singh Prof. Gurjiwan Singh	April	2021
229.	Optimizing The Code Smell Detection Techniques For Object Oriented Programming Code	Manpreet Kaur	1805789	Dr. Daljt Singh Prof. Mandeep Kaur	February	2021
230.	An Optimized Approach For Prediction of Heart Diseases using Gradient Boosting Classifier	Manpreet Kaur	1805790	Prof. Shailja Prof. PalakRehan	March	2021
231.	Spark Based Machine Learning Model For Health Prediction System	Mir JunaidRasool	1805791	Prof. Amanpreet S. Brar Prof. Hardeep Singh Kang	February	2021
232.	Movies Reviews Sentiment Analysis Using Improved Random Forest Algorithm And ACO Approach	Navdeep Kaur Deol	1805792	Dr. VivekThapar Prof. Jaswant Singh	March	2021

233.	Predicting Male Fertility Based on Amalgamated Model Using Ensembled Feature Extraction	PalakSood	1805793	Dr. Sumeet Kaur	March	2021
234.	Development of Punjabi to English Translation System Using NMT	Rajneet Kaur	1805794	Dr. Parminder Singh	January	2021
235.	Deep Learning Based Sentiment Analysis Technique on Qualitative Students Feedback	Shreya Sood	1805795	Prof. Manpreet K. Mand Prof. Manjot Kaur Gill	March	2021
236.	Secure Approach To Detect And Isolate Black Hole Attacks in MANETS	Sandeep Singh	1312075	Prof. Amandeep Kaur Sohal	August	2021
237.	Retina Blood Vessel Visitation Using Aggregating Super-Pixels	Babanpreet Singh	1905654	Prof. Amanpreet Singh Brar Prof. Priyanka Arora	November	2021
238.	An Ensemble Model For Test case Prioritisation in mutation Testing	Baldeep Kaur	1905655	Dr. Sumeet Kaur Dr. Daljit Singh	November	2021
239.	Statistical Parametric Speech Synthesis For Punjabi Language Using Deep Neural Networks	Harman Singh	1905657	Dr. Parminder Singh Er. Manjot Kaur Gill	October	2021
240.	A Machine Learning Approach For Network Traffic Classification	Isha	1905658	Prof. Jasbir Singh Saini Prof. Kamaldeep Kaur	November	2021
241.	A Hybrid Approach for Image Blind Detection	Kanika	1905659	Dr. Vivek Thapar Prof. Gurjit Kaur	November	2021
242.	Performance Improvement of CTNR Protocol in Wireless Sensor Networks Using Machine Learning	Shalini Sharma	1905661	Prof. Amandeep Kaur Sohal Prof. Mandeep Kaur Walia	November	2021
243.	Quality improvement of AMBTC Encoded images	Harashleen Kour	2005148	Dr. Vivek Thapar Prof. Priyanka Arora	May	2023
244.	Acoustic Echo Cancellation for Punjabi speech	Kamalpreet Kaur	2005150	Dr. Parminder Singh Prof. Kamaldeep Kaur	August	2023
245.	Efficient Approach To Increase the Lifetime Of Wireless Sensor Networks	Lovepreet Singh	2005151	Prof. Jasbir Singh Saini Dr. Kiran Jyoti	August	2023
246.	Energy Minimized Dynamic Cluster Head Election Routing Protocol for Wireless Sensor Networks	Ramneet Kaur	2005152	Dr. Amandeep Kaur Sohal	August	2023
247.	Machine learning based improved Speech emotion recognition	Sukhmeet Kour	2005154	Prof. Amanpreet Singh Brar Prof. Manjot Kaur Gill	August	2023
248.	Virtual Channel Attack by Hardware Trojan In NOC-Based TCMP	Abhishek Rana	2104739	Dr. Amandeep Kaur Sohal	September	2023

				Prof. Jasmine Kaur		
249.	Effective Implementation of Block chain Enabled Drugs Supply chain	Manish Sharma	2104746	Prof. Manpret Kaur Mand Prof. Amanpreet Singh Brar	November	2023
250.	Implementation of Convolutional Neural Networks in facial Recognition	Harmeet Singh	2104742	Dr. Vivek Thapar Prof. Jasbir Singh Saini	December	2023
251.	Detection of Skin Diseases based on Skin lesion Images	Kiran	2104745	Prof. Piyanka Arora Prof. Gurjeet Kaur	May	2024
252.	An Investigation of data Augmentation Method for Brain Tumor classification and Severity Level Detection	Baldeep Singh	2104741	Dr. Inderjit Singh Dr. Daljeet Singh	September	2025
253.	Speech Emotion Recognition for Punjabi Language	Harsimran Kaur	2104743	Dr. Parminder Singh Prof. Kamaldeep Kaur	September	2025
254.	Efficient Prognosis of Cardiovascular Disease Using Machine Learning	Rohit Kumar	2204073	Dr. Inderjit Singh	August	2025
255.	Design and Implementation of Hybrid Machine Learning Model for Air Quality Index in India	Aashish Miglani	2303224	Dr. Kiran Jyoti , Dr Kamaldeep Kaur	July	2025
256.	Detection of Depression State of Mind From Speech	Kajal Chugh	2303225	Dr. Parminder Singh Prof. Manjot Kaur Gill	July	2025
257.	An Enhanced Intrusion Detection System With Optimized Meta-Heuristic Algorithm	Sarabmeet Singh Masson	2303227	Dr. Amandep KaurSohal Dr. Daljeet Singh	July	2025
258.	Design and Implementation of Ensemble Deep Learning Model For credit Card Fraud Detection	Sakshi Dhiman	2303226	Dr. Priyanka Arora Dr Vivek Thapar	Completed	
259.	Hybrid model to predict cytotoxicity of Engineered Nanomaterials using machine learning	Arshdeep Kaur	2104740	Dr. Hardeep Singh Kang Prof. Jasdeep Kaur	Ongoing	
260.	Multi-Model Method To Recognize Human Action	Manpreet Kaur	2104747	Prof. Supreet Kaur Prof. Diana Nagpal	Ongoing	
261.	Hybrid Model Using Machine Learning to Predict Factors for students Migration in Aboard	Rajat Nambiar	2104748	Dr. KiranJyoti Prof. Shalija	Ongoing	
262.						