

Guidelines for preparing M. Sc Computer science Seminar

(Time of Presentation from 9:30 a.m to 1.00 pm.)

Batch 1-811171066 to 811171132(Attend seminar till 12.09.2018)

Batch 2- 811171001 to 811171065(Attend Lab till 12.09.2018)

1. Selection of topic/area Select a paper according to the specialization of students. Papers from any other approved journals can also be selected.

2. Approval to the selected topic

After selecting the paper, get approval from the concerned faculty in charge.

3. Study of topic Students are requested to acquire a thorough knowledge on the subject by referring back papers and reference books (These may be included as references at the end of the paper) on the corresponding area.

4. Preparation of slides for presentation Slides may be presented in MS power point. Time allowed for presentation is 20 minutes for presentation and 5 minutes for discussions. So, number of slides may be around 20 - 25 to adhere the time limit.

5. Organization of slides

a. The first slide will be a title page showing the title, name of author (presenter), roll no. and Class.

b. 2 nd page will contain overview of the seminar

c. Successive pages will contain

a. Objectives of the paper

b. Introduction

c. Body of the paper includes system dynamics, methodology, graphs, block diagrams etc. arranged in a logical sequence depending on the problem.

d. Results and discussions

e. Conclusion

d. Last page will contain Literature Survey. References must be presented in IEEE format, which is given as Annexure 2.

6. Each slide consists of 4 or 5 lines with enough space between lines.
7. All equations must be typed using equation editor (available with MS office/other office suite)
8. Each slide will have a title and each figure have a caption.
9. An abstract of the work (seminar) is to be circulated among the faculty and fellow students before presentation of the seminar. The abstract is prepared as follows. The seminar abstract is an important record of the coverage of topic and provides a valuable source of leading references for students and faculty alike. Accordingly, the abstract must serve as an introduction to your seminar topic. It will include the key hypotheses, the major scientific findings and a brief conclusion. The abstract will be limited to 500 words, excluding figures and tables. The abstract must contain references to the research articles upon which the seminar is based as well as research articles that have served as key background material. The references should be listed using a standard format (IEEE format given in App. 1). The abstract must be submitted to the faculty in charge and get approval before the presentation.

Annexure. 1

IEEE Journals & Transactions

- IEEE Transactions on Aerospace and Electronic Systems,
- Automation Science and Engineering, IEEE Transactions on
- IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems
- , IEEE Transactions on Fuzzy Systems
- Journal of Micro-electro-mechanical Systems
- IEEE Transactions on Neural Networks
- IEEE Transactions on Pattern Analysis and Machine Intelligence
- IEEE Transactions on Software Engineering
- International journal of robotics
- International journal of navigation, guidance and control
- International journal of robotics and automation

Annexure 2.

References

- [1] Paresh C. Sen, Chandra S. Namuduri and Pradeep K. Nandam, "Evolution of control techniques for industrial drives," Proceedings of the Power Electronics, Drives and Energy Systems Conference (PEDES-96), New Delhi, India, January 1996, pp. 869-875.
- [2] Boldea and S. A. Nasar, "Vector Control of ac Drives," CRC Press, USA, 1992.
- [3] M. A. El-Sharkawi et al., "High performance drive of brushless motors using neural networks," IEEE Transactions on Energy Conversion, vol. 9, no. 2, June 1994, pp. 317-322.
- [4] Key Hameyer and Ronnie J. M. Belmans, "Permanent magnet excited brushed dc motors," IEEE Transactions on Industrial Electronics, vol. 43, no. 2, April 1996, pp. 247-255.
- [5] Teck-Seng Low, M. A. Jabbar and M. A. Rahuman, "Permanent magnet motors for brushless operation," IEEE Transactions on Industrial Applications, vol. 26, no.1, January/February 1990, pp. 124-129.
- [6] Ahmed Rubaai and Raj C. Yalamanchili, "Dynamic study of an electronically brushless dc machine via computer simulations," IEEE Transactions on Energy Conversion, vol. 7, no. 1, March 1992, pp. 132-138.
- [7] Gordon R. Slemon, "On the design of high performance surface mounted permanent magnet motors," IEEE Transactions on Industrial Applications, vol. 30, no. 1, January/February 1994, pp. 135-140.
- [8] Nabeel A. O, Demerdash and Mohd. A. Alhamadi, "Three dimensional finite element analysis of permanent magnet brushless dc motor drives - status of the state of the art," IEEE Transactions on Industrial Electronics, vol. 43, no. 2, April 1996, pp. 268-275.
- [9] L. Zong, M. F. Rehman, W. Y. Hu and K. W. Lim, "Analysis of direct-torque control in permanent magnet synchronous motor drives," IEEE Transactions on Power Electronics, vol. 12, no. 3, May 1997, pp. 528-532.
- [10] W. K. Ho et al., "Performance and gain and phase margins of well known PID tuning formulas," IEEE Transactions on Control Systems Technology, vol. 4, no. 4, July 1996, pp. 473-477.
- [11] Qing-Guo Wang et al., "PID tuning for improved performance," IEEE Transactions on Control Systems Technology, vol. 7, no. 4, July 1999, pp. 457-465.

MSC Computer Science 2017-2018, List of Approved Seminar Topics

Sl no	Enrollment Number	Name	Seminar Topic	Schedule
1	811171066	AISWARYA U	3D PASSWORD	Day 1 04.08.2018
2	811171067	REMYA SASI	Not submitted	
3	811171068	Seecko D		
4	811171069	LALJI M		
5	811171070	APARNA A	A SEMI AUTOMATIC CROP MONITORING SYSTEM	
6	811171071	KRISHNA PRASAD S P	Not submitted	
7	811171072	Manu S Nair	MODELLING OF IoT BASED BORDER PROTECTION SYSTEM	
8	811171073	MIDHUNA S	VESIT LIBRARY	
9	811171074	Midhun Raj R	HIFI	
10	811171075	APARNA VIJAYAN V S	3D DOCTOR	
11	811171076	ASWATHY FRANCIS S	ELLIPTICAL CURVE CRYPTOGRAPHY	
12	811171077	HELEN S A	3D PRINTING	
13	811171078	SHERIN R	5 G	
14	811171079	ATHULYA SURESH	GOOGLE GLASS	
15	811171080	VAISAKH. S	Not submitted	
16	811171081	JAYALAKSHMI J L	FUTURE DISPLAY TECHNOLOGIES	
17	811171082	ARYA A	DIGITAL WATER MARKING	
18	811171083	Mithun Murali	Not submitted	
19	811171084	PRAJITHA VIJAYAN	SENSITIVE SKIN	
20	811171085	VICKNESWARAN.G	Beacons	
21	811171086	Ashin M	Not submitted	
22	811171087	Vinitha kumari V S	BRAIN CONTROLLED CAR FOR DISABLED USING ARTIFICIAL INTELLIGENCE	
23	811171088	APARNA.S	Not submitted	Day3 04.09.2018
24	811171089	SOORAJ S		
25	811171090	NISHA.M.R	BLACK Berry Technology	
26	811171091	SIJIMOL V S	corDECT Wireless in Local loop system	
27	811171092	AISWARYA R S	Not submitted	
28	811171093	Anoop S		
29	811171094	SONU JOSE ML	LiFi	

30	811171095	LEKSHMI J S	Not submitted	Day 4 05.09.2018	
31	811171096	DEVI PRIYA M U	SEMANTIC DIGITAL LIBRARY		
32	811171097	KEERTHI U.K	Not submitted		
33	811171098	MINI V S	DIGITAL PRESERVATION		
34	811171099	HARIKRISHNA S P	DAK NET		
35	811171100	ANUPRIYA. A. S	Not submitted		
36	811171101	MEERA.M.R	VIRTUAL SMART PHONE		
37	811171102	VISHAKH.V	Not submitted		
38	811171103	GEETHU S	ASIMO		
39	811171104	JAYALEKSHMI J R	GiFi		
40	811171105	AKHILA MONY.V	CHILD SAFETY WEARABLE DEVICE		
41	811171106	Ratheesh R	e-SIM Technology		
42	811171107	SRUTHY SIVAN	CLOUDMOV		
43	811171108	RESHMA NUJUM	PILL CAMERA		
44	811171109	POORNA N	GLOBAL WIRELESS E VOTING		
45	811171110	GREESHMA P V	HIGH PERFORMANCE COMPUTING WITH ACCELERATORS		
46	811171111	VIPIN DAS V V	PACKET SNIFFER		
47	811171112	Neethu Maria Thankachan	Not submitted		
48	811171113	KINGSLY V GEORGE			
49	811171114	Anoop Raj A			
50	811171115	AKHIL. H	Itwin		
51	811171116	SOUMYA.G	NIGHT VISION TECHNOLOGY		Day 5 11.09.2018
52	811171117	SAJEEV KUMAR S	MACHINE LEARNING		
53	811171119	NITHIN M S	Not submitted		
54	811171120	RENYA KRISHNAN	CONFIDENTIAL DATA STORAGE AND DELETION		
55	811171121	KRISTEENA	CLOUD COMPUTING		
56	811171122	SEENA RANI J	AUTONOMOUS HEXAPOD ROBOT		
57	811171123	GAYATHRI R	Not submitted		
58	811171124	REVATHY S	FACE RECOGNITION TECHNOLOGY		
59	811171125	GOKUL B ALEX	Not submitted		
60	811171126	SREEJITH V	BEOWULF CLUSTER		
61	811171127	Gayathri K. M.	Information or Data Visualizing Techniques		
62	811171128	Greeshma John	Not submitted		

63	811171129	VISHNU K H	VIOP Technology With Open Source Solutions	Day 6 12.09.2018
64	811171130	Anjali V Rajan	ENHANCED MESSAGE AUTHENTICATION USING HOP BY HOP ROUTING ALGORITHM	
65	811171131	Anjana. R.V	SMART DUSTBINS FOR SMART CITIES	
66	811171132	Sruthi U S	Touchless Touch Screen Technology	
67	811171001	SREEKANTH S L	Microsoft Azure HDInsight	Day 7 11.09.2018
68	811171002	SIBI V	PENETRATION TESTING	
69	811171003	RAGHI R NAIR	FRAM	
70	811171004	LEKSHMY L S	GREEN CLOUD	
71	811171005	LEKHA NAIR.M.S	SCADA	
72	811171006	SADIA SALIM	OLED DISPLAY	
73	811171007	NIJA N .KHADER	Not submitted	
74	811171008	ABHILASH V		
75	811171009	ABHILASH.L.S		
76	811171010	SHIFA A H	GOOGLE CONTACT LENS	
77	811171011	SHIJITH S	Not submitted	
78	811171012	GREESHMA C G CHANDRAN		
79	811171013	RESHMA.S.R	Blue Eyes	
80	811171014	RESHMA R	Agricultural Robotics	Day 8 12.09.2018
81	811171015	VISHNU Y	MACHINE LEARNING	
82	811171016	AKSHAYA B BINU	POCOMO	
83	811171017	ASHAMOL.S	Project Loon	
84	811171018	DEVIKA NAIR C	Not submitted	
85	811171019	SRUTHY KRISHNA.R.S		
86	811171020	SARANYA.M.G	CRYPTO WATER MARKING METHOD FOR MEDICAL IMAGES	
87	811171021	GOKUL KRISHNAN S	Not submitted	
88	811171023	ATHIRA K L	3D INTERNET	
89	811171024	ANUSREE M R	SMART DOORBELL SYSTEM BASED ON FACE RECOGNITION	
90	811171025	Ashna Shajahan	AI DRIVEN IoT	
91	811171026	HARI PRAKASH KS	Not submitted	Day 9 18.09.2018
92	811171027	ANAMIKA J N	6G MOBILE TECHNOLOGY	
93	811171028	ATHIRA V A	LOCATION BASED REMAINDER USING GPS FOR MOBILE	

			(ANDROID)	
94	811171029	APARNA R K	Not submitted	
95	811171030	Bismina beegum j s		
96	811171031	RESMI.S		
97	811171032	Sujith M	WIVI	
98	811171033	Amina B	not submitted	
99	811171034	RESHMA.S.S	FOG SCREEN	
100	811171035	EBIXON EXPEDIT	THE CLOCKLESS CHIP	
101	811171036	RAHUL.V	COMPUTERIZED PAPER EVALUATION USING NEURAL NETWORKS	
102	811171037	KEERTHI S	Block Chain	
103	811171038	AKSHAY MR	Wi-MAX	
104	811171039	SAIRA H	TOOL COMMAND LANGUAGE	Day 10 19.09.2018
105	811171040	RADHIKA RAJU	FINGER SLEEVE	
106	811171041	ARUNPRIYA S G	TELEKINECT	
107	811171042	Amritha.C.Nair	3D PASSWORD	
108	811171043	Divya T B	Not submitted	
109	811171044	AKHIL G	SMART TRAFFIC CONTROL SYSTEM	
110	811171045	Adarsh R	Not submitted	
111	811171046	SREELEKSHMY G T	Eye Gaze	
112	811171047	HRIDYA KRISHNAN P R	3D Searching	
113	811171048	KANNAN S	Not submitted	
114	811171049	BIJILA S	4D Visualization	
115	811171050	MUKESH S	BIG DATA	Day 11 25.09.2018
116	811171051	VRINDA B K	Not submitted	
117	811171052	SALINI ASHOKAN	Audio Spot Lighting	
118	811171053	ESTHER DANIEL	FINGER VEIN RECOGNITION	
119	811171054	ATHIRA S KUMAR	MICROSOFT HOLOLENS	
120	811171055	NITHIN SUNIL	IoT BASED Home Security	
121	811171056	AISWARYA D Y	Already submitted topic	
122	811171057	AMAL DEV H S	Rejected	
123	811171059	LIJIRAJ M	IMAGE METADATA FORENSICS	
124	811171060	Vishnu Suresh	Not submitted	
125	811171061	HASHIR H		
126	811171062	Santhosh S	DARK NET	
127	811171063	ANNIE D COSTA	E PAPER TECHNOLOGY	
128	811171064	GOKUL SANKAR. P	Not submitted	
129	811171065	RANI.G.R		