STUDENTS FEEDBACK ON CURRICULUM

This questionnaire is to collect information relating to your satisfaction towards curriculum for creating conducive atmosphere for teaching and learning. The information provided by you will be kept confidential and will be used as important feedback for quality improvement of the program of studies/institution.

Academic Year	2013 · 14
Branch	ISE
Name of the Student	Sujay
USN	1SG1215054

Rate the curriculum/syllabus on the following Points

SL NO	Statements	Excellent 5	Very good 4	Good 3	Average 2	Below Average 1
1	How do you rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course?		✓			
2	How do you rate the allocation of the credits to the courses?	✓				
3	Relevance for implementation in projects		✓			
4	How do you rate the electives offered in relation to the technological advancements?	✓				
5	How do rate the evaluation scheme designed for each of the course?	✓				
6	How do you rate the percentage of courses having LAB components?		✓			
7	Curriculum is sufficient to make you analyze the engineering problems and its suitable solution	✓				

Suggestions: Handson session of labs for the subject to be included in the curriculum.

Signature

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belgaum & Approved by AICTE, New Delhi)

STUDENTS FEEDBACK ON CURRICULUM

This questionnaire is to collect information relating to your satisfaction towards curriculum for creating conducive atmosphere for teaching and learning. The information provided by you will be kept confidential and will be used as important feedback for quality improvement of the program of studies/institution.

Academic Year	2013 - 2014
Branch	Information Science and Engineering
Name of the Student	Shivakumar . R.
USN	1SG12IS047

Rate the curriculum/syllabus on the following Points

SL NO	Statements	Excellent	Very good	Good	Average	Below Average
		5	4	3	2	1
1	How do you rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course?	✓				
2	How do you rate the allocation of the credits to the courses?	✓				
3	Relevance for implementation in projects	✓				
4	How do you rate the electives offered in relation to the technological advancements?		✓			
5	How do rate the evaluation scheme designed for each of the course?		✓			
6	How do you rate the percentage of courses having LAB components?	✓				
7	Curriculum is sufficient to make you analyze the engineering problems and its suitable solution		✓			

Suggestions: Labs should be introduced for UNIX subject.

Signature

Shivakumar . R

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore- 560 057

FACULTY FEEDBACK ON CURRICULUM

This questionnaire is intended to collect information relating to your satisfaction towards the curriculum, teaching, learning and evaluation. The information provided by you will be kept confidential and will be used as important feedback for quality improvement of the program of studies/institution.

Academic Year	2013 - 14
Branch	ISE
Name of the Faculty	Ramya R
Designation	Assistant Professor
Subject/Sub. code	Unix Shell Programming

Rate the curriculum/syllabus on the following Points

SL NO	Statements	Excellent	Very good	Good	Average	Below Average
		5	4	3	2	1
1	Do you feel that the curriculum is defined in a way to clarify your teaching goals and what you expect your students to learn?	✓				
2	Is the curriculum suffcient to bridge the gap between industry standards /current global scenarios and academics?	✓				
3	Is the timely coverage of curriculum possible in the mentioned number of hours?		✓			
4	Suffcient reference material and books are available for the topics mentioned in the curriculum?	✓				
5	The evaluation methods mentioned in the curriculum are suffcient for providing proper assessment?	✓				
6	Curriculum is suitable to the course		✓			
7	The curriculum/course of this subject increased my knowledge and perspective in the subject area	✓				

Suggestions: Handson session / Lab to be included.

Signature

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore- 560 057

SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

Sapthagiri College of Engineering
(Affiliated to Visvesvaraya Technological University, Belgaum & Approved by AICTE, New Delhi)

FACULTY FEEDBACK ON CURRICULUM

This questionnaire is intended to collect information relating to your satisfaction towards the curriculum, teaching, learning and evaluation. The information provided by you will be kept confidential and will be used as important feedback for quality improvement of the program of studies/institution.

Academic Year	2013-14
Branch	Information Science and Engineering
Name of the Faculty	Gayathri R
Designation	Assistant Professor
Subject/Sub. code	Unix Shell Programming

Rate the curriculum/syllabus on the following Points

SL NO	Statements	Excellent 5	Very good 4	Good 3	Average 2	Below Average 1
1	Do you feel that the curriculum is defined in a way to clarify your teaching goals and what you expect your students to learn?	✓				
2	Is the curriculum suffcient to bridge the gap between industry standards /current global scenarios and academics?	✓				
3	Is the timely coverage of curriculum possible in the mentioned number of hours?	✓				
4	Suffcient reference material and books are available for the topics mentioned in the curriculum?	✓				
5	The evaluation methods mentioned in the curriculum are suffcient for providing proper assessment?	✓				
6	Curriculum is suitable to the course	✓				
7	The curriculum/course of this subject increased my knowledge and perspective in the subject area		✓			

Suggestions: If the lab related to subject was included. It would have been fairly better to get clear about subject.

Signature

ALUMNI FEEDBACK ON CURRICULUM

We are glad that you have spent valuable years pursuing courses of your choice at SCE. We shall be thankful if you can spare some of your valuable time to fill up this feedback form and give us valuable suggestions for further improvement of the College. Your valuable inputs will be of great use to improve the quality of our academic programs and enhance the credibility of our Institution. Rate the adequacy of following as they were during your tenure as a student

Year of Passing	2013
Branch	ISE
Name	Rama Naik
Status : Work/Study	WORK
Phone no	8074188312

Rate the curriculum/syllabus on the following Points

SL NO	Statements	Excellent	Very good	Good	Average	Below Average
		5	4	3	2	1
1	When you compare yourself with other counterparts from other Institution, you feel that you got most of all the facilities which is not available in other Institution		✓			
2	Learning value (in terms of skills, concepts, knowledge, analytical abilities or broadening perspectives)		✓			
3	Curriculum is sufficient to make you analyze the engineering problems and its suitable solution		✓			
4	How do you rate the learning experience in terms of their relevance to the real life application	✓				
5	Ability to work in teams	✓				
6	Ability to link theory to practice		✓			
7	How do you rate the course/curriculum content that you have learnt in relation to your current job		✓			
8	Compatibility with industry standards		✓			

Suggestions: Few subjects doesnot give practical knowledge in the curriculum. Such subjects should have lab session so that student can easily understand subject like Unix, Java etc.

Signature

Sapthagiri College of Engineering

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

CIRCULAR

Date: 21/05/2014

This is to inform that there will be a meeting of Academic committee members for analyzing curriculum syllabus of academic year 2014-15. The meeting is scheduled on 23/05/2014 at 10.30 am in HOD's chamber.

Sl. No.	Faculty Name	Designation	Signature
1	Prof. Prerana Chaithra	HOD	
2	Prof. Chaithra	Associate Professor	
3	Prof. Malathi K P	Associate Professor	
4	Prof. Gayathri R	Assistant Professor	
5	Prof. Ramya R	Assistant Professor	

HOD
Department of
Information Science & Engg
Sapthagiri
Chikkasandra
Bangalore

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore- 560 057

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

MINUTES OF MEETING

Date: 23/05/2014

With reference to circular dated on21/05/2014, the academic committee member assembled in HODs chamber for addressing the following agenda.

Agenda:

- Reviewing the department curriculum syllabus of Academic Year 2014-15.
- Reviewing the feedback analysis of various stake holders of the academic year 2013-14
- Identifying the gaps
- Action to be taken for the identified gaps.

During the meeting the following members were present

Sl No.	Faculty Name	Designation	Signature
1	Prof. Prerana Chaithra	HOD	
2	Prof. Chaithra	Associate Professor	
3	Prof. Malathi K P	Associate Professor	
4	Prof. Gayathri R	Assistant Professor	
5	Prof. Ramya R	Assistant Professor	

The following points were discussed in the meeting

1. The committee members reviewed the department curriculum syllabus of academic year 2014-15.
2. The committee members discussed about the feedback of department curriculum syllabus of academic year 2013-14.
3. The members identified the gaps based on the analysis.
4. The following actions were taken for the gaps that are identified.

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore- 560 057

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)

#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

Sl.No.	Sem	Course Title	Identified Gap
1	3rd	Unix & Shell Programming	Lack of practical implementation of command usage.

Action Taken:

Based on the feedback obtained from Students, Faculties, Employer, Alumni and analysis of syllabus by department academic committee members, it was decided to conduct certification course to overcome the gaps identified in the curriculum/syllabus.

HOD

Department of
Information Science & Engg.
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Main Road
BANGALORE - 560 057

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

Date:26/05/2014

To:

IQAC Coordinator

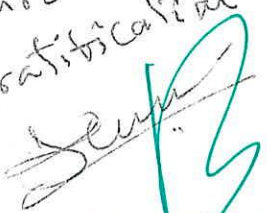Sapthagiri College of Engineering

Bengaluru-560 057

Respected Sir,

Subject: Requisition for conduction of certification course and approval from Governing Council.

With respect to the Academic committee members meeting held for analyzing department curriculum/syllabus for the academic year 2014-15. The committee members identified few gaps after analyzing the syllabus and feedback from the stakeholders. To bridge the gaps identified in the curriculum, the committee members decided to conduct a certification course on "Hands on Unix commands and Shell Scripting" from 21-Jul-2014 to 25-Jul-2014 for the academic year 2014-15. So, I request you to forward and get the approval from the governing council for the same.

Thanking You,

Enclosure: Budget Proposal.

Forwarded for GC approval & ratification

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

HOD
Department of
Information Science & Engg
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Main Road,
BANGALORE - 560057

Sapthagiri College of Engineering

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

Date:26/05/2014

To,

IQAC Coordinator

Sapthagiri College of Engineering

Bangalore - 560057.

Respected Sir,

  Subject: Budget Proposal for conduction of certification program on "Hands on Unix commands and Shell Scripting "

  The Budget Proposal for conduction a certification program on "Hands on Unix commands and Shell Scripting" from 21-Jul-2014 to 25-Jul-2014 is hereby enclosed for your kind consideration and approval.

The details of the Recurring budget are given as follows:-

Recurring Amount:

Sl. No.	Description	Quantity	Amount in Rs.
1	Bouquet	1	200
2	Certificates	Students	2000
3	Others		800
Total			3000

Forwarded for GC approval
& ratification

HOD

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore- 560 057

CIRCULAR

Date: 15/07/2014

This is to inform that the following Academic Committee members are requested to attend the meeting on 17/07/2014 at 10.30 am in the HOD's chamber to decide the syllabus and the lesson plan for the certification program on "Hands on Unix commands and Shell Scripting".

Sl No.	Faculty Name	Designation	Signature
1	Prof. Prerana Chaithra	HOD	
2	Prof. Chaithra	Associate Professor	
3	Prof. Malathi K P	Associate Professor	
4	Prof. Gayathri R	Assistant Professor	
5	Prof. Ramya R	Assistant Professor	

HOD
Department of
Information Science & Engg.
Sapthagiri College of Engineering
Chikk san.... ....ghatta Main Road
Bangalore 560 057

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore- 560 057

Sapthagiri College of Engineering

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

Date:15/07/2014

To,

Prof. Asha P N

Assistant Professor,

Shri Pillappa College of Engineering,

Bengaluru.

Respected Madam,

      Subject: Invitation as a "Guest Speaker" in certification program and to attend meeting to discuss about the certification program

Department of Information Science & Engineering have planned to conduct a certification program titled "Hands on Unix commands and Shell Scripting" from 21-Jul-2014 to 25-Jul-2014. In this connection, we are privileged to invite you as a guest speaker on the above mentioned topic.

Thanking you for your kind acceptance to our request on phone. We request you to attend the meeting to discuss about the conduction of certification course on 17/07/2014 at 10.30 am in the HOD's chamber. We look forward to welcome you at SCE.

Thanking you,

Yours faithfully

HOD
Department of
Information Science & Engg
Sapthagiri College of Engineering
Chikk.sandra, hesaraghatta Main Road
BANGALORE - 560057

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore- 560 057

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

Minutes of Meeting

Date:17/07/2014

A meeting was conducted on 17/07/2014 in ISE HOD's Chamber to discuss and approve the following about the 5 days Certification Course for ISE Students.

- **Course Title :** Hands on Unix commands and Shell Scripting
- **Resource Personnel:** Prof. Asha P N, Assistant Professor, Shri Pillappa College of Engineering ,Bengaluru.
- **Course Duration & Date:** 5 Days from 21-Jul-2014 to 25-Jul-2014
- **Syllabus** :
  - Introduction to Unix files
  - Directory & file commands
  - Vi editor and its commands
  - File inodes

Lesson Plan of the certification program

Dates	SESSION 1 (8.30am-10.30am)	SESSION 2 (11.00am-12.30pm)	SESSION 3 Hands-on Session (1.30pm-4.00pm)	No. of Hours
21-7-2014 Monday	Introduction to Unix files, Naming files,basic file types/categories. Organization of files. Hidden files,Standard directories.Parent child relationship. The home directory and the HOME variable, the PATH variable, manipulating the PATH, Relativeand absolute pathnames.	Directory commands – pwd, cd, mkdir, rmdir commands. The dot(.) and double dots (..) notations to represent present and parent directories and their usagein relative path names.	Executing commands and to view the output	6
22-7-2014 Tuesday	File related commands – cat, mv, rm, cp, wc and od commands. File attributes and permissions and knowing them.	The ls command with options. Changing file permissions: the relative and absolute permissions changing methods. Recursively changing file permissions. Directory permissions.	Executing commands and to view the output	6

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore- 560 057

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

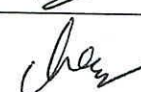|				
23-7-2014 Wednesday	The vi editor. Basics. The .exrc file. Different ways of invoking and quitting vi. Differentmodes of vi.	Input mode commands. Command mode commands. The ex mode commands. Illustrative examples Navigation commands. Repeat command. Pattern searching.	Explore vi editor with vim tutor. Perform the following operations using vi editor, but not limited to: 1. Insert character, delete character, replace character 2. Save the file and continue working 3. Save the file and exit the editor 4. Quit the editor 5. Quit without saving the file 6. Rename a file 7. Insert lines, delete lines, 8. Setline numbers 9. Search for a pattern 10. Move forward and backward	6
24-7-2014 Thursday	Command line arguments. exit and exit status of a command. Logical operators for conditional execution. The test command and its shortcut.	The if, while, for and case control statements. The set and shift commands and handling positional parameters. The here (<<) document and trap command. Simple shell program examples.	Executed shell scripts	6

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

25-7-2014 Friday	File inodes and the inode structure. File links – hard and soft links. Filters. Head and tail commands. Cut and paste commands.	The sort command and its usage with different options. The unmask and default file permissions. Two special files /dev/null and /dev/tty.	Executing sample programs using the commands discussed in session Test conduction	6
			Total	30

The following members were present in the meeting and the syllabus and lesson plan for the certification program has been decided.

Sl No.	Faculty Name	Designation	Signature
	HOD		
1	Prof. Prerana Chaithra	HOD	
2	Prof. Chaithra	Associate Professor	
3	Prof. Malathi K P	Associate Professor	
4	Prof. Gayathri R	Assistant Professor	
5	Prof. Ramya R	Assistant Professor	
6	Prof. Asha P N	Guest Speaker	

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

HOD
Department of
Information Science & Engg
Sapthagiri College of Engineering
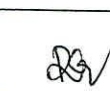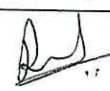Chikkasandra, Hesaraghatta Main Road
BANGALORE - 560057

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

NOTICE

Date:17/07/2014

As a part of programming skill development Department of Information Science and Engineering is conducting Five days Certification Course on "Hands on Unix commands and Shell Scripting" from 21 July 2014 to 25 July 2014

All 2nd year students should attend the course compulsorily.

HOD
Department of
Information Science & Engg.
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Main Road
BANGALORE - 560 057

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

Sapthagiri College of Engineering

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

ACADEMIC YEAR 2014-15

Students Enrollment for 5 days Certification Course on "Hands on Unix commands and Shell Scripting"

SL. No.	NAME	USN
1	ABHINAV PANDEY	1SG13IS002
2	ABHISHEK	1SG13IS003
3	ADITHYAKUMAR C K	1SG13IS004
4	AKASH KUMAR PAVADASHETTI	1SG13IS005
5	AKSHATHA	1SG13IS006
6	AKSHAY SINGH	1SG13IS007
7	AMAN KUMAR	1SG13IS008
8	AMIT SINGH	1SG13IS009
9	AMULYA A N	1SG13IS010
10	ARCHANA C	1SG13IS011
11	ASHA G N	1SG13IS013
12	ASMA KOUSAR	1SG13IS015
13	AVINASH KUMAR JHA	1SG13IS016
14	CHAITRA N	1SG13IS017
15	CHANDANA S	1SG13IS019
16	CHHAVI ANUPAM	1SG13IS020
17	D N SWATHI	1SG13IS021
18	DARSHAN B S	1SG13IS022
19	DEEPIKA V	1SG13IS023
20	DEVIKA N	1SG13IS024
21	DHRUVA DANDIN	1SG13IS025
22	DILIPKUMAR S	1SG13IS026
23	DIVYA B	1SG13IS027
24	DIVYA R	1SG13IS028
25	GURUPRASAD M	1SG13IS030
26	H DEEKSHA	1SG13IS031
27	HARDITH SUVARNA M	1SG13IS032
28	HARSHITHA B S	1SG13IS033
29	HARSHITHA NATARAJ	1SG13IS034
30	HARSHITHA S	1SG13IS035
31	Hemanth	1SG13IS036
32	INDRANI R	1SG13IS037
33	JYOTHI M	1SG13IS038
34	JYOTHI A	1SG13IS039
35	KAVANA C	1SG13IS040

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560057

36	KAVYA S D	1SG13IS041
37	KRISHNAPRIYA K	1SG13IS042
38	KUMAR PRIYADARSHI	1SG13IS043
39	KUMAR VIKRAM	1SG13IS044
40	LAKSHMI S	1SG13IS045
41	LAXMI	1SG13IS046
42	MANISH KUMAR	1SG13IS048
43	MANISH KUMAR	1SG13IS049
44	MANJU KIRAN M	1SG13IS050
45	MEGHA C	1SG13IS051
46	MEGHANA G	1SG13IS052
47	MEGHANA MANDLI	1SG13IS053
48	MOHAN RAJ B N	1SG13IS054
49	MONICA R	1SG13IS055
50	MOTUKURI YUGANDHAR	1SG13IS056
51	NAGASHREE P	1SG13IS057
52	NALINA K P	1SG13IS058
53	NAMRATA KUMARI	1SG13IS059
54	NAVEEN S	1SG13IS060
55	NIDHI KUMARI	1SG13IS061
56	NIKHIL C GANAPATHY	1SG13IS063
57	PRAKASHA C G	1SG14IS400
58	RANJINI R S	1SG14IS401
59	NIKHIL G	1SG13IS064
60	NILESH KUMAR SHARMA	1SG13IS066
61	NISARGA N	1SG13IS067
62	NISCHALA K	1SG13IS068
63	NISHA KESHRI	1SG13IS069
64	OJASWA KUMAR	1SG13IS070
65	OMPRAKASH CHAUTALA	1SG13IS071
66	PALLAVI B	1SG13IS073
67	PARINITHA KIRAN	1SG13IS074
68	PAVANA N	1SG13IS075
69	POOJA	1SG13IS077
70	POOJA G	1SG13IS078
71	POORNIMA M	1SG13IS081
72	PRAJWAL V SHETTY	1SG13IS082
73	PRANEET SINGH	1SG13IS083
74	PRIYANKA M S	1SG13IS085

Principal

Sapthagiri College of Engineering

Chikkasandra, Hesaraghatta Road,

Bangalore- 560 057

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)

#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

75	PRIYNAKA R	1SG13IS086
76	PUJA KUMARI	1SG13IS088
77	RACHANA D	1SG13IS089
78	RANJITHA M	1SG13IS090
79	RASHMI A	1SG13IS091
80	RASHMI JANARDHAN	1SG13IS092
81	SAGAR S	1SG13IS093
82	SAMATHA REDDY R	1SG13IS094
83	SATHYAPRIYA V H	1SG13IS095
84	SAUMYA SALONI	1SG13IS096
85	SHAFIYA TABASSUM	1SG13IS098
86	SHALILANAND MISHRA	1SG13IS099
87	SHALINI S R	1SG13IS100
88	SHAMBHAVI SHUKLA	1SG13IS102
89	SHASHIDHAR G JINAGA	1SG13IS103
90	SHIVAPRASAD K L	1SG13IS104
91	SHREEKAR J	1SG13IS105
92	SHRUTI SANJAY	1SG13IS107
93	SHUBHADA D BADACHI	1SG13IS108
94	SHUBHAM	1SG13IS109
95	SINDHOORA HEGDE	1SG13IS111
96	SINDHU D R	1SG13IS112
97	SUJAY S PATWARDHAN	1SG13IS113
98	S V R S SAI KRISHNA	1SG13IS116
99	SWETHA D	1SG13IS117
100	SYED AEZAZ AHMED	1SG13IS118
101	T H MRINALINI DEVI	1SG13IS119
102	USHA N S	1SG13IS120
103	USHA R	1SG13IS121
104	VARUN N	1SG13IS122
105	VISHAL KUMAR	1SG13IS123
106	VIVEKANAND KUMAR	1SG13IS125

CO-ORDINATOR

HOD

Department of
Information Science & Engg.
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
BANGALORE - 560 057.

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore- 560 057

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)

#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

5 days Certification Course on "Hands on Unix Commands & Shell Scripting" Attendance

SL. No.	NAME	USN	21/7/14 MS	21/7/14 AS	22/7/14 MS	22/7/14 AS	23/7/14 MS	23/7/14 AS	24/7/14 MS	24/7/14 AS	25/7/14 MS	25/7/14 AS	26/7/14 Test
1	ABHINAV PANDEY	1SG13IS002	1	2	3	4	5	5	6	7	8	9	10
2	ABHISHEK	1SG13IS003	1	1	2	3	4	5	6	7	8	9	10
3	ADITHYAKUMAR C K	1SG13IS004	1	2	3	4	5	6	7	8	9	10	11
4	AKASH KUMAR PAVADASHETTI	1SG13IS005	1	2	3	4	5	6	7	7	8	9	10
5	AKSHATHA	1SG13IS006	1	2	3	4	5	6	7	8	9	10	11
6	AKSHAY SINGH	1SG13IS007	1	2	3	3	4	5	6	7	8	9	10
7	AMAN KUMAR	1SG13IS008	1	2	3	4	5	6	7	8	9	10	11
8	AMIT SINGH	1SG13IS009	0	1	2	3	4	5	6	7	8	9	10
9	AMULYA A N	1SG13IS010	1	2	3	4	5	6	7	8	9	9	10
10	ARCHANA C	1SG13IS011	1	2	3	4	4	5	6	7	8	9	10
11	ASHA G N	1SG13IS013	1	2	3	4	5	6	7	8	9	10	11
12	ASMA KOUSAR	1SG13IS015	1	2	3	4	5	6	7	8	9	10	11
13	AVINASH KUMAR JHA	1SG13IS016	1	2	3	3	4	5	6	7	8	9	10
14	CHAITRA N	1SG13IS017	1	2	3	4	5	6	7	8	9	10	11
15	CHANDANA S	1SG13IS019	1	2	3	4	5	6	6	7	8	9	10
16	CHHAVI ANUPAM	1SG13IS020	1	2	3	4	5	6	7	8	9	10	11
17	D N SWATHI	1SG13IS021	0	1	2	3	4	5	6	7	8	9	10
18	DARSHAN B S	1SG13IS022	1	2	3	4	4	5	6	7	8	9	10
19	DEEPIKA V	1SG13IS023	1	2	3	4	5	6	7	8	9	10	11
20	DEVIKA N	1SG13IS024	1	2	3	3	4	5	6	7	8	9	10
21	DHRUVA DANDIN	1SG13IS025	1	2	3	4	5	6	7	8	9	10	11
22	DILIPKUMAR S	1SG13IS026	1	2	3	4	5	6	7	8	9	10	11
23	DIVYA B	1SG13IS027	1	1	2	3	4	5	6	7	8	9	10
24	DIVYA R	1SG13IS028	1	2	3	4	5	6	7	8	9	10	11
25	GURUPRASAD M	1SG13IS030	1	2	3	4	5	6	6	7	8	9	10
26	H DEEKSHA	1SG13IS031	1	2	3	4	5	6	7	8	9	10	11
27	HARDITH SUVARNA M	1SG13IS032	1	2	2	3	4	5	6	7	8	9	10
28	HARSHITHA B S	1SG13IS033	1	2	3	4	5	6	7	8	9	9	10
29	HARSHITHA NATARAJ	1SG13IS034	1	2	3	4	5	6	7	8	9	10	11
30	HARSHITHA S	1SG13IS035	1	2	3	4	5	6	7	8	9	10	11
31	HEMANTH	1SG13IS036	1	2	3	4	4	5	6	7	8	9	10
32	INDRANI R	1SG13IS037	1	2	2	4	5	6	7	8	8	9	10

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore- 560 057

Sapthagiri College of Engineering

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

SL. No.	NAME	USN	21/7/14 MS	AS	22/7/14 MS	AS	23/7/14 MS	AS	24/7/14 MS	AS	25/7/14 MS	AS	28/7/14 Test
33	JYOTHI M	1SG13IS038	1	2	3	4	4	5	6	7	8	9	10
34	JYOTHI A	1SG13IS039	1	1	2	3	4	5	6	7	8	9	10
35	KAVANA C	1SG13IS040	1	2	3	4	5	6	7	8	9	10	11
36	KAVYA S D	1SG13IS041	1	2	3	4	5	6	7	8	9	10	11
37	KRISHNAPRIYA K	1SG13IS042	1	2	3	3	4	5	6	7	8	9	10
38	KUMAR PRIYADARSHI	1SG13IS043	1	2	3	4	5	6	7	7	8	9	10
39	KUMAR VIKRAM	1SG13IS044	1	2	3	4	5	6	7	8	9	10	11
40	LAKSHMI S	1SG13IS045	1	2	3	4	5	6	7	8	9	10	11
41	LAXMI	1SG13IS046	1	1	2	3	4	5	6	7	8	9	10
42	MANISH KUMAR	1SG13IS048	1	2	3	4	5	6	7	8	9	10	11
43	MANISH KUMAR	1SG13IS049	1	2	3	4	5	6	7	8	9	10	10
44	MANJU KIRAN M	1SG13IS050	1	2	3	4	5	5	6	7	8	9	10
45	MEGHA C	1SG13IS051	1	2	3	4	5	6	7	8	9	9	10
46	MEGHANA G	1SG13IS052	1	2	3	4	5	6	7	8	9	10	11
47	MEGHANA MANDLI	1SG13IS053	1	1	2	3	4	5	6	7	8	9	10
48	MOHAN RAJ B N	1SG13IS054	1	2	3	4	5	6	7	8	9	10	11
49	MONICA R	1SG13IS055	1	2	3	4	5	6	7	8	9	10	11
50	MOTUKURI YUGANDHAR	1SG13IS056	1	2	3	3	4	5	6	7	8	9	10
51	NAGASHREE P	1SG13IS057	1	2	3	4	5	6	7	8	9	10	11
52	NALINA K P	1SG13IS058	1	2	3	4	5	6	7	8	9	10	11
53	NAMRATA KUMARI	1SG13IS059	1	2	3	4	5	6	7	7	8	9	10
54	NAVEEN S	1SG13IS060	1	2	3	4	5	6	7	8	9	10	11
55	NIDHI KUMARI	1SG13IS061	1	1	2	3	4	5	6	7	8	9	10
56	NIKHIL C GANAPATHY	1SG13IS063	1	2	3	4	5	5	6	7	8	9	10
57	PRAKASHA C G	1SG14IS400	1	2	3	4	5	6	7	7	8	9	10
58	RANJINI R S	1SG14IS401	1	2	3	4	5	6	7	8	9	10	11
59	NIKHIL G	1SG13IS064	1	2	3	4	5	6	7	8	9	10	11
60	NILESH KUMAR SHARMA	1SG13IS066	1	2	3	4	5	6	7	8	9	10	11
61	NISARGA N	1SG13IS067	1	2	3	4	5	6	7	8	9	10	11
62	NISCHALA K	1SG13IS068	1	2	2	3	4	5	6	7	8	9	10
63	NISHA KESHRI	1SG13IS069	1	1	2	3	4	5	6	7	8	9	10
64	OJASWA KUMAR	1SG13IS070	1	2	3	4	5	6	7	8	9	10	11
65	OMPRAKASH CHAUTALA	1SG13IS071	1	2	3	4	4	5	6	7	8	9	10
					2	3	4	5	6	7	8	9	10
					2	3	4	5	6	7	8	9	11

Sapthagiri College of Engineering

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

SL. No.	NAME	USN	21/7/14 MS	AS	22/7/14 MS	AS	23/7/14 MS	AS	24/7/14 MS	AS	26/7/14 MS	AS	28/7 Test
66	PALLAVI B	1SG13IS073	1	1	2	3	4	5	6	7	8	9	10
67	PARINITHA KIRAN	1SG13IS074	1	2	3	4	5	6	7	8	9	10	11
68	PAVANA N	1SG13IS075	1	2	3	4	5	6	7	8	9	10	11
69	POOJA	1SG13IS077	1	2	3	4	4	5	6	7	8	9	10
70	POOJA G	1SG13IS078	1	2	3	3	4	5	6	7	8	9	10
71	POORNIMA M	1SG13IS081	1	2	3	4	5	6	7	8	9	10	11
72	PRAJWAL V SHETTY	1SG13IS082	1	2	3	4	5	6	7	8	9	10	11
73	PRANEET SINGH	1SG13IS083	1	2	3	4	5	6	7	8	9	10	11
74	PRIYANKA M S	1SG13IS085	1	2	3	4	5	5	6	7	8	9	10
75	PRIYNAKA R	1SG13IS086	1	2	3	4	5	6	7	8	9	10	11
76	PUJA KUMARI	1SG13IS088	1	2	3	4	4	5	6	7	8	9	10
77	RACHANA D	1SG13IS089	1	2	3	4	5	6	7	8	9	10	11
78	RANJITHA M	1SG13IS090	1	2	3	4	5	6	7	8	9	10	11
79	RASHMI A	1SG13IS091	1	2	3	4	5	5	6	7	8	9	10
80	RASHMI JANARDHAN	1SG13IS092	1	2	3	4	5	6	7	8	9	10	11
81	SAGAR S	1SG13IS093	1	2	3	4	5	6	7	8	9	10	11
82	SAMATHA REDDY R	1SG13IS094	1	2	3	4	5	6	6	7	8	9	10
83	SATHYAPRIYA V H	1SG13IS095	1	2	3	4	5	6	7	8	9	9	10
84	SAUMYA SALONI	1SG13IS096	1	2	3	4	5	6	7	7	8	9	10
85	SHAFIYA TABASSUM	1SG13IS098	1	2	3	4	5	5	6	7	8	9	10
86	SHALILANAND MISHRA	1SG13IS099	1	2	3	4	5	6	7	8	9	10	11
87	SHALINI S R	1SG13IS100	1	2	3	4	5	6	7	8	9	10	11
88	SHAMBHAVI SHUKLA	1SG13IS102	1	2	3	4	5	6	7	8	9	10	11
89	SHASHIDHAR G JINAGA	1SG13IS103	1	2	3	4	5	6	7	8	9	10	11
90	SHIVAPRASAD K L	1SG13IS104	1	2	3	4	5	6	7	8	9	10	11
91	SHREEKAR J	1SG13IS105	1	2	3	4	4	5	6	7	8	9	10
92	SHRUTI SANJAY	1SG13IS107	1	2	2	3	4	5	6	7	8	9	10
93	SHUBHADA D BADACHI	1SG13IS108	1	2	3	4	5	6	7	8	9	10	11
94	SHUBHAM	1SG13IS109	1	2	3	4	5	6	7	8	9	10	11
95	SINDHOORA HEGDE	1SG13IS111	1	2	3	4	5	6	7	8	9	10	11
96	SINDHU D R	1SG13IS112	1	2	3	4	5	6	7	8	9	10	

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)

#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

SL. No.	NAME	USN	21/7/14		22/7/14		23/7/14		24/7/14		25/7/14		26/7 Test
			MS	AS	MS	AS	MS	AS	MS	AS	MS	AS	Test
97	SUJAY S PATWARDHAN	1SG13IS113	1	2	3	4	5	6	7	8	9	9	10
98	S V R S SAI KRISHNA	1SG13IS116	1	1	2	3	4	5	6	7	8	9	10
99	SWETHA D	1SG13IS117	1	2	3	4	5	6	7	8	9	10	11
100	SYED AEZAZ AHMED	1SG13IS118	1	2	3	4	5	6	7	8	9	10	11
101	T H MRINALINI DEVI	1SG13IS119	1	2	3	4	5	6	7	8	9	10	11
102	USHA N S	1SG13IS120	1	2	3	4	5	6	7	8	9	10	11
103	USHA R	1SG13IS121	1	2	2	3	4	5	6	7	8	9	10
104	VARUN N	1SG13IS122	1	2	3	4	4	5	6	7	8	9	10
105	VISHAL KUMAR	1SG13IS123	1	2	3	4	5	5	6	7	8	9	10
106	VIVEKANAND KUMAR	1SG13IS125	1	2	3	4	5	5	6	7	8	9	10

Coordinator

HOD

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

Sapthagiri College of Engineering

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

5 days Certification Course on "Hands on Unix commands and Shell Scripting"

Test Time Table

Sl. No.	DATE	DAY	TIMINGS
1	25-07-2014	Friday	4.00PM-5.00PM

HOD
Department of
Information Science & Engg.
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
BANGALORE - 560 057

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore- 560 057

5 days Certification Course on "Hands on Unix Commands & Shell Scripting"

Question Paper

Duration: 1hr   Maximum marks: 25

Note: Question number 1-25 (1M each)

Answer all the Questions:

1) Which symbol will be used with grep command to match the pattern pat at the beginning of a line?

   A. ^pat

   B. $pat

   C. pat$

   D. pat^

   E. None of the above

2. Which command is used to sort the lines of data in a file in reverse order

   A. Sort

   B. Sh

   C. St

   D. sort –r

   E. None of the above

3. Which command is used to display the top of the file?

   A. Cat

   B. Head

   C. More

   D. Grep

   E. None of the above

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057
DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

4. Which command is used to copy all files having the string chap and any two characters after that to the progs directory?

    A. cp chap?? Progs

    B. cp chap* progs

    C. cp chap[12] /progs/*.*

    D. cp chap?? /progs/*

    E. None of the above

5. Which command is used to change protection mode of files starting with the string emp and ending with 1,2, or 3?

    A. chmodu+xemp[1-3]

    B. chmod 777 emp*

    C. chmodu+r ??? emp

    D. chmod 222 emp?

    E. None of the above

6. Shell scripts need to be saved with an extension .sh .
a) True
b) False

.7.What is a shell script?
a) group of commands
b) a file containing special symbols
c) a file containing a series of commands
d) group of functions

8. Shell scripts are executed in a separate child shell process.
a) True
b) False

9.The first line in any shell script begins with a _____
a) &
b) !
c) $
d) #

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

10. **To run the script, we should make it executable first by using _____**

a) chmod +x
b) chmod +r
c) chmod +w
d) chmod +rwx

11. **Which of the following features of UNIX may be used for inter process communication?**

    A.   Signals
    B.   Pipes
    C.   Semaphore
    D.   All of these

12. **In a system, if 5 people are currently using the vi editor. then the number of corresponding processes will be**

    A.   1
    B.   5
    C.   2
    D.   0

13. **The command echo welcome > /dev / tty**

    A.   Echoes welcome in all the terminals that are switched on.
    B.   Echoes welcome in all the terminals that are logged on.
    C.   Echoes welcome only in the terminal in which it is run.
    D.   Both (a) and (c)

14. **dev/null**

    A.   Is a file
    B.   Has write permission for all
    C.   Is the UNIX built-in dustbin
    D.   All of these

15. **The advantage of binary files over text files is that**

    A.   It is compact
    B.   It can be accessed faster
    C.   They are more reliable
    D.   All of these

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

16. The permission bits of a file noname. can be set to _rws_ _x_ _x by the command.

    A.   chmod 711 noname
    B.   chmod go -rwnoname
    C.   chmod 2711 noname
    D.   None of the above

17. /bin/passwd has the user execution permission set to 's' because

    A.   This facility assigns to the user, permissions of the program owner. temporarily
    B.   It should allow users who don't have write permission to /etc/passwd to write to it
    C.   /etc/passwd is write protected
    D.   All of these

18. If one doesn't want anyone else to read or write to a file named datfile, except through a program in a file filex , then he may use

    A.   chmodu+sfilex ; chmodgo_rwdatfile

    B.   chmod 4711 filex ; chmodgo_rwdatfile
    C.   chmod 4711 datfile ; chmodgo_rwfilex
    D.   Both (a) and (b)

19. Writing a C program that accepts input from keyboard, rather than from a file is advantageous because
    A.   Keyboard is a file that is already open
    B.   It can be used in a pipe, if it writes to stdout
    C.   Both (a) and (b)
    D.   None of the above

20: Consider the following command that invokes the executable file a.out, with the following command line arguments a .out God loves you
argv([1][2])corresponds to the character
    A.   E
    B.   O
    C.   Y
    D.   D

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore- 560 057

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

21. Which of the following files contains information related to password aging?

    A. Shadow

    B. Password

    C. Profile

    D. All the three

    E. None of the above

22. Which command will be used with vi editor to replace text from cursor to right?

    A. R

    B. R

    C. S

    D. S

    E. None of the above

23. Which of the following commands is used to rename a file?

    A. rename

    B. remove

    C. Mv

    D. Ren

    E. None of the above

24. Which of the following is not a filter?

    A.   Cat

    B.   Grep

    C.   Wc

    D.   Sort

    E.   None of the above

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

25.Which of the following commands is used to copy a file wb from the programs directory into a file called wbx in the misc directory?

A.   copy programs/wbmisc/wbx

B.   cp programs/wbmisc/wbx

C.   tar programs/wbmisc/wbx

D.   copy a:programs/wb b:misc/wbx

E.   None of the above

Approved by Academic Committee Members & Guest Speaker

Sl No.	Faculty Name	Designation	Signature
1	Prof. Prerana Chaithra	HOD	
2	Prof. Chaithra	Associate Professor	
3	Prof. Malathi K P	Associate Professor	
4	Prof. Gayathri R	Assistant Professor	
5	Prof. Ramya R	Assistant Professor	
6	Prof. Asha P N	Guest Speaker	

HOD

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057
DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

5 days Certification Course on "Hands on Unix commands and Shell Scripting"

Solutions for the Questions

Duration :1hr   **Maximum marks :25**

Note: Question number 1-25 (1M each)

Answer all the Questions:

1) Which symbol will be used with grep command to match the pattern pat at the beginning of a line?

   A. ^pat

   B. $pat

   C. pat$

   D. pat^

   E. None of the above

   Answer: Option A

2. Which command is used to sort the lines of data in a file in reverse order

   A. Sort

   B. Sh

   C. St

   D. sort –r

   E. None of the above

   Answer: Option D

3. Which command is used to display the top of the file?

   A. Cat

   B. Head

   C. More

   D. Grep

   E. None of the above

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

Answer: Option B

4. Which command is used to copy all files having the string chap and any two characters after that to the progs directory?

    A. cp chap?? Progs

    B. cp chap* progs

    C. cp chap[12] /progs/*.*

    D. cp chap?? /progs/*

    E. None of the above

Answer: Option A

5. Which command is used to change protection mode of files starting with the string emp and ending with 1,2, or 3?

    A. chmodu+xemp[1-3]

    B. chmod 777 emp*

    C. chmodu+r ??? emp

    D. chmod 222 emp?

    E. None of the above

Answer: Option A

6. Shell scripts need to be saved with an extension .sh .
a) True
b) False

Answer:Option B

7..What is a shell script?
a) group of commands
b) a file containing special symbols
c) a file containing a series of commands
d) group of functions

Answer: Option C

8. Shell scripts are executed in a separate child shell process.
a) True
b) False

Answer: Option A

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

9.The first line in any shell script begins with a _____
a) &
b) !
c) $
d) #

Answer: Option d

10. To run the script, we should make it executable first by using _____
a) chmod +x
b) chmod +r
c) chmod +w
d) chmod +rwx

Answer:option A

11. Which of the following features of UNIX may be used for inter process communication?

A. Signals
B. Pipes
C. Semaphore
D. All of these

Answer:Option D

12. In a system, if 5 people are currently using the vi editor. then the number of corresponding processes will be

A. 1
B. 5
C. 2
D. 0

Answer:Option B

13. The command echo welcome > /dev / tty

A. Echoes welcome in all the terminals that are switched on.
B. Echoes welcome in all the terminals that are logged on.
C. Echoes welcome only in the terminal in which it is run.
D. Both (a) and (c)

Answer:Option D

14.dev/null

A. Is a file

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

B.   Has write permission for all
C.   Is the UNIX built-in dustbin
D.   All of these

Answer: Option D

15. The advantage of binary files over text files is that

A.   It is compact
B.   It can be accessed faster
C.   They are more reliable
D.   All of these

Answer: Option D

16. The permission bits of a file noname. can be set to _rws_ _x_ _x by the command.

A.   chmod 711 noname
B.   chmod go -rwnoname
C.   chmod 2711 noname
D.   None of the above

Answer: Option D

17. /bin/passwd has the user execution permission set to 's' because

A.   This facility assigns to the user, permissions of the program owner. temporarily
B.   It should allow users who don't have write permission to /etc/passwd to write to it
C.   /etc/passwd is write protected
D.   All of these

Answer: Option D

18. If one doesn't want anyone else to read or write to a file named datfile, except through a program in a file filex , then he may use

A.   chmodu+sfilex ; chmodgo_rwdatfile

B.   chmod 4711 filex ; chmodgo_rwdatfile
C.   chmod 4711 datfile ; chmodgo_rwfilex
D.   Both (a) and (b)

Answer: Option D

19. Writing a C program that accepts input from keyboard, rather than from a file is advantageous because
A.   Keyboard is a file that is already open

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

B. It can be used in a pipe, if it writes to stdout
C. Both (a) and (b)
D. None of the above

Answer: Option C

20: Consider the following command that invokes the executable file a.out, with the following command line arguments a .out God loves you
argv([1][2])corresponds to the character
A. E
B. O
C. Y
D. D

Answer: Option D

21. Which of the following files contains information related to password aging?

A. Shadow

B. Password

C. Profile

D. All the three

E. None of the above

Answer: Option B

22. Which command will be used with vi editor to replace text from cursor to right?

A. R

B. R

C. S

D. S
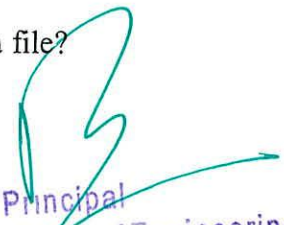
E. None of the above

Answer: Option B

23. Which of the following commands is used to rename a file?

A. rename

B. remove

C. Mv

D. Ren

E. None of the above

Answer: Option C

24. Which of the following is not a filter?

A. Cat

B. Grep

C. Wc

D. Sort

E. None of the above

Answer: Option E

25. Which of the following commands is used to copy a file wb from the programs directory into a file called wbx in the misc directory?

A. copy programs/wbmisc/wbx
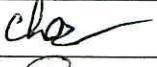
B. cp programs/wbmisc/wbx

C. tar programs/wbmisc/wbx

D. copy a:programs/wb b:misc/wbx

E. None of the above

Answer: Option B

Approved by Academic Committee Members & Guest Speaker

Sl No.	Faculty Name	Designation	Signature
1	Prof. Prerana Chaithra	HOD	
2	Prof. Chaithra	Associate Professor	
3	Prof. Malathi K P	Associate Professor	
4	Prof. Gayathri R	Assistant Professor	
5	Prof. Ramya R	Assistant Professor	
6	Prof. Asha P N	Guest Speaker	

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road.
Bangalore- 560 057

HOD
Department of
Information Science & Engg.
Sapthagiri College of Engineering
#/5, Chikk sandra, Hesaraghatta Main Road

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

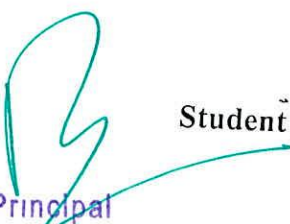## DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

5 days Certification Course on "Hands on Unix commands and Shell Scripitng"
Participant Feedback

1. How was the overall organization of the Certification Course ?

    a) Poor   b) Satisfactory   c) Good   d) Excellent

2. How appropriate were the facilities provided ?

    a) Poor   b) Satisfactory   c) Good   d) Excellent

3. Opportunity to ask questions for clarification and interaction with presenters

    a) Poor   b) Satisfactory   c) Good   d) Excellent

4. Effectiveness of the Hands-on Sessions

    a) Poor   b) Satisfactory   c) Good   d) Excellent

5. Topic and contents of the Certification Course

    a) Poor   b) Satisfactory   c) Good   d) Excellent

6. How do you rate the Certification Course compared to other workshops that you have attended ?

    a) Poor   b) Satisfactory   c) Good   d) Excellent

7. Generally how was your overall experience during the Certification Course

    a) Poor   b) Satisfactory   c) Good   d) Excellent

8. Any Suggestions:

    No Suggestion

Student Name : Poornima .N.

Student Signature:

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)

#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

5 days Certification Course on "Hands on Unix commands and Shell Scripitng"

Participant Feedback

1. How was the overall organization of the Certification Course ?

   a) Poor   b) Satisfactory c) Good   d) Excellent

2. How appropriate were the facilities provided ?

   a) Poor   b) Satisfactory c) Good   d) Excellent

3. Opportunity to ask questions for clarification and interaction with presenters

   a) Poor   b) Satisfactory c) Good   d) Excellent

4. Effectiveness of the Hands-on Sessions

   a) Poor   b) Satisfactory c) Good   d) Excellent

5. Topic and contents of the Certification Course

   a) Poor   b) Satisfactory c) Good   d) Excellent

6. How do you rate the Certification Course compared to other workshops that you have attended ?

   a) Poor   b) Satisfactory c) Good   d) Excellent

7. Generally how was your overall experience during the Certification Course

   a) Poor   b) Satisfactory c) Good   d) Excellent

8. Any Suggestions:

   It was very useful Contents was good

Student Name : SAGAR S   Student Signature:

5 days Certification Course on "Hands on Unix commands and Shell Scripitng"

Participant Feedback

1. How was the overall organization of the Certification Course ?

   a) Poor   b) Satisfactory   c) Good   d) Excellent

2. How appropriate were the facilities provided ?

   a) Poor   b) Satisfactory   c) Good   d) Excellent

3. Opportunity to ask questions for clarification and interaction with presenters

   a) Poor   b) Satisfactory   c) Good   d) Excellent

4. Effectiveness of the Hands-on Sessions

   a) Poor   b) Satisfactory   c) Good   d) Excellent

5. Topic and contents of the Certification Course

   a) Poor   b) Satisfactory   c) Good   d) Excellent

6. How do you rate the Certification Course compared to other workshops that you have attended ?

   a) Poor   b) Satisfactory   c) Good   d) Excellent

7. Generally how was your overall experience during the Certification Course

   a) Poor   b) Satisfactory   c) Good   d) Excellent

8. Any Suggestions:

   No Suggestions

Student Name : SWETHA D

Student Signature: Swith

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore- 560 057

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

5 days Certification Course on "Hands on Unix commands and Shell Scripitng"

Participant Feedback

1. How was the overall organization of the Certification Course ?

   a) Poor   b) Satisfactory   c) Good   d) Excellent

2. How appropriate were the facilities provided ?

   a) Poor   b) Satisfactory   c) Good   d) Excellent

3. Opportunity to ask questions for clarification and interaction with presenters

   a) Poor   b) Satisfactory   c) Good   d) Excellent

4. Effectiveness of the Hands-on Sessions

   a) Poor   b) Satisfactory   c) Good   d) Excellent

5. Topic and contents of the Certification Course

   a) Poor   b) Satisfactory   c) Good   d) Excellent

6. How do you rate the Certification Course compared to other workshops that you have attended ?

   a) Poor   b) Satisfactory   c) Good   d) Excellent

7. Generally how was your overall experience during the Certification Course

   a) Poor   b) Satisfactory   c) Good   d) Excellent

8. Any Suggestions:

   Course was Excellent & informative

Student Name : Varun N

Student Signature: Varun N

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore- 560 057

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

FEEDBACK ANALYSIS

Certification Course: "Hands on Unix commands and Shell Scripitng"

No. of students	Student Feedback			
	Excellent	Good	Satisfactory	Poor
40	75	20	5	0

Feedback Analysis
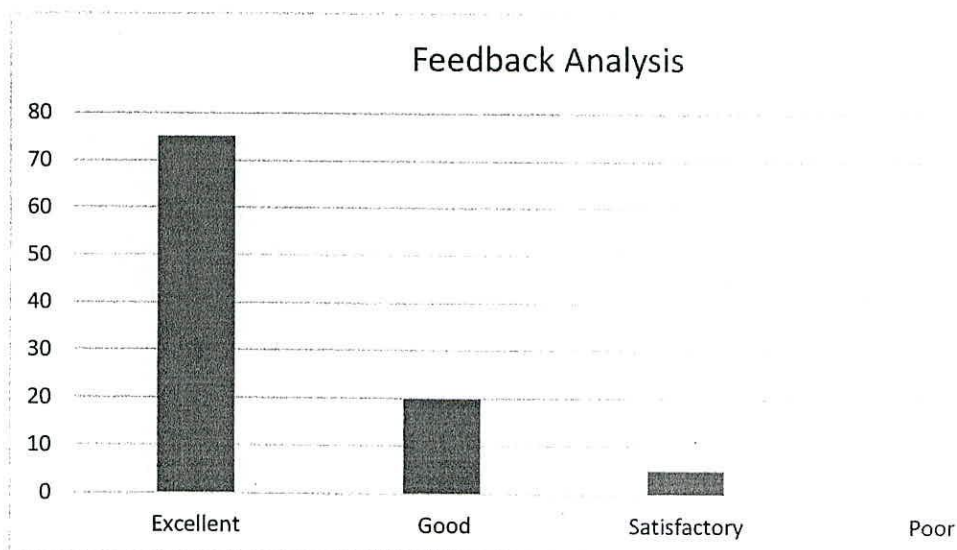
Action Report:

75 % of students were completely happy with the certification program and 20 % of students felt it was a good program and remaining 5 % students were satisfied with the program.

Action Taken:

The Feedback report which was collected from the students were sent to the principal and he would take necessary actions based on the comments and conduct more programs for the benefit of students.

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore- 560 057

HOD

Department of
Information Science & Engg.
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
BANGALORE - 560057

Sapthagiri College of Engineering

Bangalore-560057

SAPTHAGIRI
College of Engineering
Creating Tomorrow

Certificate

This is to Certify that Mr./Ms. _____GURUPRASAD M_____

of _____ISE, SCE_____ has participated

and successfully completed Five days Certification Course on

"Hands on Unix commands and Shell Scripting" from 21 July 2014

to 25 July 2014 organized by the Department of Information Science &
Engineering, Sapthagiri College of Engineering.

HOD, Dept of ISE

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

Principal

Sapthagiri College of Engineering

Bangalore-560057

Certificate

This is to Certify that Mr./Ms. _____H. DEEKSHA_____

of _____ISE, SCE_____ has participated

and successfully completed Five days Certification Course on

"Hands on Unix commands and Shell Scripting" from 21 July 2014

to 25 July 2014 organized by the Department of Information Science &
Engineering, Sapthagiri College of Engineering.

HOD, Dept of ISE

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

Principal

Sapthagiri College of Engineering

Bangalore-560057

Certificate

This is to Certify that Mr./Ms. _____

of _____ has participated

and successfully completed Five days Certification Course on

"Hands on Unix commands and Shell Scripting" from 21 July 2014

to 25 July 2014 organized by the Department of Information Science & Engineering, Sapthagiri College of Engineering.

HOD, Dept of ISE

Principal

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road
Bangalore- 560 057

5 days Certification Course on "Hands on Unix commands and Shell Scripting" Report

Department of ISE conducted 5 days Certification Course and the details of the course are as follows :

- **Course Title :**Hands on Unix commands and Shell Scripting

- **Resource Personnel** : Prof. Asha P N, Assistant Professor, Shri Pillappa College of Engineering, Bengaluru

- **Course Duration & Date**: 5 Days from 21-Jul-2014 to 25-Jul-2014

Objective of the Course: UNIX is an operating system which was first developed in the 1960s, and has been under constant development ever since. By operating system, we mean the suite of programs which make the computer work. It is a stable, multi-user, multi-tasking system for servers, desktops and laptops.

UNIX systems also have a graphical user interface (GUI) similar to Microsoft Windows which provides an easy to use environment. However, knowledge of UNIX is required for operations which aren't covered by a graphical program, or for when there is no windows interface available, for example, in a telnet session.

- The five day course made the students to be familiar with the major concepts in unix operating system which is a main platform for their career .Certificate Course became the vital step to improve the knowledge of students.

- **Participants:**ISE Students

Certificate course made them comfortable with the unix OS and commands required to work with the operating system. Learning style adopted by students, which eventually is developed into a skill of their forte. Through this course, an ecstatic learning background paved way to a positive learning environment in the class where active participation was seen from every end. Speaker took the onus of interacting with the students personally to navigate them for the academic transition by becoming the guides by their side.

Principal

Sapthagiri College of Engineering

Chikkasandra, Hesaraghatta Road,

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi)
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

It is a practice of the department to take care any issues pertaining to the academics in this connection department of ISE has convey meeting with Academic committee members and to discuss about any lapses with academic activities and felt that to conduct Certification Course. Test was conducted for the participants and participants' feedback was collected about the Certification Course. Certificates were distributed to the participants.

- **Course Content** :

Dates	SESSION 1 (8.30am-10.30am)	SESSION 2 (11.00am-12.30pm)	SESSION 3 Hands-on Session (1.30pm-4.00pm)	No of Hours
21-7-2014 Monday	Introduction to Unix files, Naming files,basic file types/categories. Organization of files. Hidden files,Standard directories.Parent child relationship. The home directory and the HOME variable, the PATH variable, manipulating the PATH, Relativeand absolute pathnames.	Directory commands – pwd, cd, mkdir, rmdir commands. The dot(.) and double dots (..) notations to represent present and parent directories and their usagein relative path names.	Executing commands and to view the output	6 .
22-7-2014 Tuesday	File related commands – cat, mv, rm, cp, wc and od commands. File attributes and permissions and knowing them.	The ls command with options. Changing file permissions: the relative and absolute permissions changing methods. Recursively changing file permissions. Directory permissions.	Executing commands and to view the output	6

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

23-7-2014 Wednesday	The vi editor. Basics. The .exrc file. Different ways of invoking and quitting vi. Differentmodes of vi.	Input mode commands. Command mode commands. The ex mode commands. Illustrative examples Navigation commands. Repeat command. Pattern searching.	Explore vi editor with vim tutor. Perform the following operations using vi editor, but not limited to: 1. Insert character, delete character, replace character 2. Save the file and continue working 3. Save the file and exit the editor 4. Quit the editor 5. Quit without saving the file 6. Rename a file 7. Insert lines, delete lines, 8. Setline numbers 9. Search for a pattern 10. Move forward and backward	6
24-7-2014 Thursday	Command line arguments. exit and exit status of a command. Logical operatorsfor conditional execution. The test command and its shortcut.	The if, while, for and case control statements. The set and shift commands and handling positional parameters. The here (<<) document and trap command. Simple shell program examples.	Executed shell scripts	6

25-7-2014 Friday	File inodesandtheinode structure. File links – hard and soft links. Filters. Head and tail commands. Cut and paste commands.	The sort command and its usage with different options. The umaskanddefault file permissions. Two special files /dev/null and /dev/tty.	Executing sample programs using the commands discussed in session Test conduction	6
			Total	30

5 days Certification Course "Hands on Unix commands and Shell Scripting" by Prof. Asha P N, Assistant Professor, Shri Pillappa College of Engineering, Bengaluru from 21-Jul-2014 to 25-Jul-2014

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore- 560 057

HOD
Department of
Information Science & Engg
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
BANGALORE - 560 057