

# K L University

(Koneru Lakshmaiah Education Foundation)

Estd. u/s 3 of UGC Act 1956

Green Fields, Maddurwaram, (vic) K.C. Works P.O. - 522 502, Guntur District, A.P.

Phone: 08645-240948, 246615 FAX: 08645-247249, 0866-2577307

Contribuent College KLCE Accredited by NAAC with CGPA 3.76/4.00  
Approved by A.I.C.T.E. Accredited by N.B.A. ISO 9001-2000 Certified

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

The 11<sup>th</sup> meeting of the BOS-CSE has been conducted on June 9<sup>th</sup>, 2014 at 10.00AM in the Computer Science and Engineering department, K L University

The following members are present :-

S.No	Name	Designation	Signature
1.	Dr.V.Srikanth	Chairman	
2.	Dr.D.V.L.N Somayajulu	Member	
2.	Dr.J K R Sastry	Member	
3.	Dr.K.Subramanyam	Member	
4.	Dr.M.R.Narasinga Rao	Member	
5.	Dr.K.V.V.Satyanaryana	Member	
6.	Dr.D.Rajaeswara Rao	Member	
7.	Dr.B.Vijay Babu	Member	
8.	Dr.K.Thirupathi Rao	Member	
9.	Dr.B.Thirumala Rao	Member	
10.	Dr.V.Krishna Reddy	Member	
11.	Mr.K.Rajasekhar	Member	
12.	Mr.M.Vishnu Vardhan	Member	
13.	Mr.K.V.D.Kiran	Member	
14.	Mr.S.Venkata Krishna	Member	

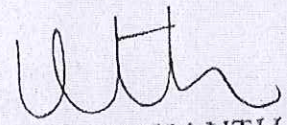
**Agenda Point 1:- Approval of M.Tech Curriculum and Syllabus**

- 1.1 Approval of M.Tech- Computer Science & Engineering(CSE) Annexure-1
- 1.2 Approval of M.Tech-Computer Networks & Security(CNS) Annexure-2
- 1.3 Approval of M.Tech- Cloud Computing(CC)-Annexure 3
- 1.4 To Streamline L-T-P Structures of M.Tech (CSE,CNS & CC)
- 1.5 Approval of previous DAC minutes. (3/6/14)

**Agenda Point 2:-**

**Eligibility criteria for M.Tech( Cloud Computing) admissions**

- 2.1 Approval of B.Tech Students with Branches CSE,ECE,ECM,IT,EEE and equivalent are eligible for M.Tech ( Cloud Computing) admissions.

  
**Dr. V. SRIKANTH**  
Head of the Department  
Computer Science and Engineering  
KL UNIVERSITY  
VADESWARAM-502 302, Guntur, DI



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## Minutes 12<sup>th</sup> BOS Meeting of Computer Science and Engineering K L University

The 12<sup>th</sup> meeting of the BOS-CSE has been conducted on August 9, 2014 at 10:00 AM in the Computer science and Engineering department, K L University.

### Items Discussed and Resolutions passed:

Agenda Item No	Agenda	Resolutions Passed
	Confirmation of DAC Minutes held on 7 <sup>th</sup> August 2014	Approved
1.1	Elaboration of Contents and Removal of few sub topics in (Network Programming-11CS431)	It is resolved to adapt the proposed modifications and also resolved to update the published year of the prescribed text book. Proposed syllabus is enclosed.
1.2	Elaboration of contents and Removal of few sub topics in (Natural Language Processing- 11CS434)	It is Resolved to adopt the proposed modifications and also proposed to add INTRODUCTION TO NLP topic in the syllabus. Proposed Syllabus is enclosed.
1.3	Elaboration of contents and Removal of few sub topics. Change of Prescribed Textbook (Requirement Engineering-11CS333)	It is Resolved to change the Prescribed textbook and adopt the proposed modifications. Proposed syllabus in enclosed.
1.4	Elaboration of contents and removal of few sub topics (Software Reliability-11CS433)	It is resolved to adopt the proposed changes in the syllabus. Proposed syllabus is enclosed.
1.5	Elaboration of contents and removal of few sub topics (Object Oriented Programming-11ES202)	It is resolved to add STL concept into Proposed syllabus. Proposed syllabus is enclosed.
1.6	Elaboration of contents and Removal of few sub topics (Data Structures-11ES204)	It is resolved to add EXTERNAL SORTING concepts into the proposed syllabus. Proposed syllabus is enclosed.
2	Inclusion of EMC Courses into Curriculum	BOS Members unanimously agreed to incorporate the following two courses into B.Tech and M.Tech CSE Curriculum.

*B. Saha*



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		2. a Cloud Computing. 2. b Big Data Analytics. Syllabus is enclosed.
3	Finalizing the course structure for II/IV B.Tech, 2013-2014 batches II Semester.	It is resolved by the BOS Chairman to keep software engineering in IV semester in place of discrete mathematics. It is also resolved to remove 13 BS 206 as prerequisite to Design and Analysis of Algorithms and 13CS 204 as prerequisite to Computer Networks.
4	Finalizing Pre-PhD courses for 6 <sup>th</sup> batch students. Annexure - 1	It is resolved that the following 30 courses have been approved by BOS members. List is Enclosed.

## 5: Supplementary Agenda

Supplementary Agenda Item No	Supplementary Agenda	Resolutions Passed
5.1	Continuing of Parallel Processing course (13-CS-344) to 2014 B.Tech batch	It is resolved to continue B.Tech 2013 batch parallel processing course syllabus for B.Tech 2014 batch also. Syllabus is enclosed
5.2	Redundancy in Advanced Database Management Systems (13-CS-332) and Distributed Databases (13-CS-431)	It is resolved that to incorporate parallel and grid databases contents in distributed database course for both B.Tech 2013 & 2014 batches. Proposed Syllabus is enclosed
5.3	Guidelines and Evaluation for Term paper, Seminars and Group Discussions	All the BOS members unanimously approved the guidelines and evaluation for Term paper, Seminars and Group Discussions. Proposed Syllabus is enclosed
5.4	Redundancy in Applied Cryptography 14-CN-503 and Network Security 14-	It is resolved to change the syllabus for the course Network Security to avoid redundancy occurred in the course Applied Cryptography for

*[Signature]*



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	CN-508	M.Tech (CNS). Proposed syllabus is enclosed
5.5	Waiver of Pre-requisite condition Ref: KLU/RO/Academics- 08/2014-15 dated on 6th August, 2014	It is resolved to follow the instructions given by Dean (Academics) on Pre requisites conditions for the list of courses is enclosed.
5.6	Readmission in 2nd Year B.Tech – Course Equivalence Sheet Ref: KLU/Dean- Aca/RO/2014-15/105 Dated on 22/07/2014	It is resolved to follow the guidelines given by the Dean (Academics) on equivalences of courses to students admitted in 2012-13 seeking readmission in 2 <sup>nd</sup> year B.Tech on par with 2013-14 admitted batch, is herewith enclosed.

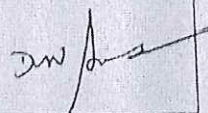
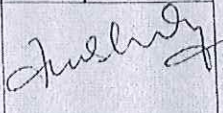
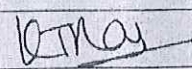

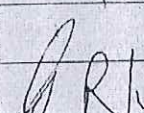
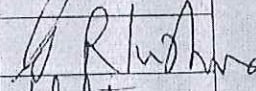
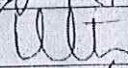
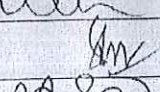
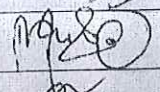

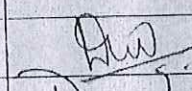
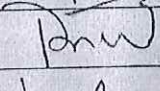
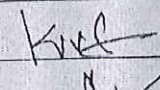
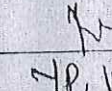
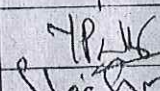
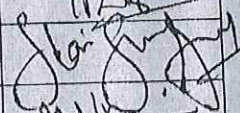
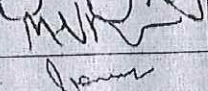
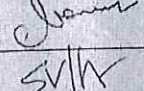
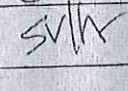
Chairman BOS

HOD-CSE

(Dr. K. Thirupathi Rao)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

BOS COMMITTEE MEMBERS PRESENT

S.NO	NAME OF THE MEMBER	DESIGNATION	POSITION	SIGNATURE
1.	Dr. D.V.L.N Somayajulu	Professor, NIT Warangal.	External Member	
2.	Mr. M. Muni Reddy	Sr. Manager, IBM, Bangalore.	External Member	
3.	Dr. K Thirupathi Rao	Professor & HOD	Chairman	
4.	Dr V Krishna Reddy	Professor & Alternate HOD	Member	
5.	Dr V Chandra Prakash	Professor	Member	
6.	Dr G Rama Krishna	Professor	Member	
7.	Dr V Srikanth	Professor	Member	
8.	Prof S Venkateswarlu	Professor	Member	
9.	Dr M R Narasinga Rao	Professor	Member	
10.	Dr K Subrahmanyam	Professor	Member	
11.	Dr D Rajeswara Rao	Professor	Member	
12.	Dr M S R Prasad	Professor	Member	
13.	Dr K V V Satyanarayana	Professor	Member	
14.	Dr B Thirumala Rao	Professor	Member	
15.	Dr. Y Prasanth	Professor	Member	
16.	Dr Sk Shakeel Ahmad	Assoc. Professor	Member	
17.	Mr M Vishnuvardhan	Assoc. Professor	Member	
18.	Mr. K V D Kiran	Asst. Professor	Member	
19.	Mr S Venkata Krishna	Asst. Professor	Member	

  
**Dr. G. Krishna Mohan**

Alternate HOD

Computer Science & Engineering

Koneru Lakshmaiah Education Foundation  
(Deemed to be University)

Green Fields, VADDESWARAM-522 502

Guntur District, Andhra Pradesh.



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## Minutes 13<sup>th</sup> BOS Meeting of Computer Science and Engineering KL University


The 13<sup>th</sup> meeting of the BOS-CSE has been conducted on December 1, 2014 at 4:00 PM in the Computer Science and Engineering department, KL University.

### Items Discussed and Resolutions passed:

Agenda Item No	Agenda	Resolutions Passed
	Confirmation of previous DAC Minutes - 29/11/14	Approved
1.1	Ratification of M.Tech (Cloud Computing) Syllabus	It is resolved to adopt the proposed modifications compared to earlier HP Collaboration Syllabus. Proposed syllabus is enclosed.
1.2	Inclusion of OOPS through Java for B.Tech program in Semester-II of A.Y. 2014-15.	It is resolved to adopt the proposed modifications to the existing 13 ES 202 course. However, the BOS suggested keeping the title as OBJECT ORIENTED PROGRAMMING (through Java). Syllabus is Enclosed

### 2. Supplementary Agenda

Supplementary Agenda Item No	Agenda	Resolutions Passed
a.	Proposed Modification to CSE Department-Vision, Mission	It is Resolved to adopt the proposed modifications.
b.	PO's, PEO's for B.Tech CSE Department	It is Resolved that to adopt the proposed modifications
c.	Short Term & Long Term goals	It is Resolved that to adopt the proposed modifications.

  
 Chairman BOS  
**Dr. K. THEERUPATHI RAO**  
 Head of Department  
 Computer Science and Engineering  
**KL UNIVERSITY**  
 YADDESWARAM-522 502, Guntur District

1/12/2014

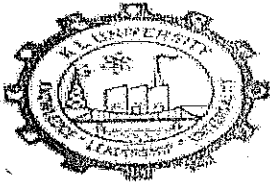
4:00pm

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERINGBOS COMMITTEE MEMBERS PRESENT

S.N O	NAME OF THE MEMBER	DESIGNATION	POSITION	SIGNATURE
1	Dr. D.V.L.N Somayajulu	Professor, NIT Warangal	External Member	<i>[Signature]</i>
2	Mr. M. Muni Reddy	Sr. Manager, IBM, Bangalore	External Member	<i>[Signature]</i>
3	Dr. K. Thirupathi Rao	Professor & HOD	Chairman	<i>[Signature]</i>
4	Dr. V. Krishna Reddy	Professor, Alternate HOD	Member	<i>[Signature]</i>
5	Dr. V. Chandra Prakash	Professor	Member	<i>[Signature]</i>
6	Dr. G. Rama Krishna	Professor	Member	<i>[Signature]</i>
7	Dr. V. Srikanth	Professor	Member	<i>[Signature]</i>
8	Prof. S. Venkateswarlu	Professor	Member	<i>[Signature]</i>
9	Dr. M. R. Narasinga Rao	Professor	Member	<i>[Signature]</i>
10	Dr. K. Subrahmanyam	Professor	Member	<i>[Signature]</i>
11	Dr. D. Rajeswara Rao	Professor	Member	<i>[Signature]</i>
12	Dr. M. S. R. Prasad	Professor	Member	<i>[Signature]</i>
13	Dr. K. V. V. Satyanarayana	Professor	Member	<i>[Signature]</i>
14	Dr. Y. Prasanth	Professor	Member	<i>[Signature]</i>
15	Dr. Sk. Shakeel Ahmad	Assoc. Professor	Member	- LEAVE -
16	Mr. M. Vishnuvardhan	Assoc. Professor	Member	<i>[Signature]</i>
17	Mr. K. V. D. Kiran	Asst. Professor	Member	<i>[Signature]</i>
18	Mr. S. Venkata Krishna	Asst. Professor	Member	<i>[Signature]</i>

*[Signature]*





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## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Date:03-06-2014

### Department Academic Committee Meeting

The following Agenda Items are discussed and the resolutions passed are marked against them.

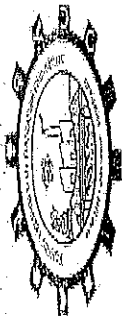
Serial Number	Agenda Item	Resolution
1.	To discuss feedback obtained from various stack holders	Confirmed
2.	To discuss on the External Result Analysis.	Confirmed
3.	To discuss on the Recommendations suggested by Course coordinators	Confirmed
4.	To discuss on M.Tech Computer Science and Engineering (CSE) course.	Confirmed
5.	To discuss on M.Tech Computer Networks and Security (CNS) course.	Confirmed
6.	To discuss on M.Tech Cloud Computing (CC) Course.	Confirmed
7.	Proposed to stream line L-T-P Structure of M.Tech (CSE,CNS AND CC).	Confirmed
8.	Proposed to specify the Eligibility Criteria for M.Tech (Cloud Computing).	Confirmed

All programs for 2014-15 has been framed to be in relevance to APIIC, Human Resource Development Policy, Govt. of India, National Skill Development Corporation, Govt. of India, Confederation of Indian Industries, ABET, NBA norms, O\*NET and AICTE statutory norms.

Thus, framed curriculum has been developed through framing of Program Educational Objectives (PEO's) which are mapped to the university Vision and Mission, which are there by disseminated into Student Outcomes (SO's) which thereby have been developed into relevant Course Outcomes (CO's).

The resolutions are forwarded to BOS committee, for the approval.

  
HOD-CSE



KONERU LAKSHMAIAH EDUCATION FOUNDATION  
(Deemed to be University estd. W.Y. 3 of the UGC Act, 1956)  
(NAAC Accredited "A" Grade University)

Department of Computer Science Engineering  
Annexure-RI<sub>4</sub> (Ph.D-CSE)

Sno	Course code	Course name	L	T	P	credits	Type	Rationale
1	15 CS 201	Information Retrieval System	3	0	0	3	a new course in introduced	data analytics kind of knowledge to improve skill development to do reaseach in Data Engineering
2	15 CS 202	Data Ware Housing And Mining	3	0	0	3	a new course in introduced	heterogenous data from multiple data bases kind of knowledge can be studied for skill development and research
3	15 CS 203	Computer Networks	3	0	0	3	a new course in introduced	networking protocols and optimization kind of knowledge to improve skill development to do reaseach in computer networks
4	15 CS 204	Data Center Virtualization	3	0	0	3	a new course in introduced	cloud data center virtualization and optimization kind of knowledge to improve skill development to do reaseach in cloud compting
5	15 CS 205	Network Security	3	0	0	3	a new course in introduced	security protocols and networking technology kind of knowledge to improve skill development to do reaseach in networking
6	15 CS 206	Software Architecture	3	0	0	3	a new course in introduced	Software engineering phases and quality standards kind of knowledge to improve skill development to do reaseach in software Engineering
7	15 CS 207	Software Testing And Quality Assurance	3	0	0	3	a new course in introduced	manual and automated testing kind of knowledge to improve skill development to do reaseach in software Engineering
8	15 CS 208	Advances in Computing	3	0	0	3	a new course in introduced	grid, persavive like modern computing procedures are studied improve skill development to do reaseach in computing domain
9	15 CS 209	Advanced Data Structures	3	0	0	3	a new course in introduced	algorithms and data structures kind of knowledge to improve skill development to do reaseach algorithms in domain

*Dr. G. Krishna Mohan*  
Alternate HOD  
Computer Science & Engineering

Sno	Course code	Course name	L	T	P	credits	Type	Rationale
10	15 CS 210	Digital Image Processing	3	0	0	3	course is modified from previous syllabus	still an video imaging kind of knowledge to improve skill development to do reaseach in Digital Image processing
11	15 CS 211	Bio-Informatics	3	0	0	3	a new course in introduced	still an video imaging kind of knowledge to improve skill development to do reaseach in Digital Image processing
12	15 CS 212	Service Oriented Architecture	3	0	0	3	a new course in introduced	data analytics kind of knowledge to improve skill development to do reaseach in Data Engineering
13	15 CS 213	Mobile Cloud	3	0	0	3	a new course in introduced	mobility in cloud environment kind of knowledge to improve skill development to do reaseach in cloud computing domain
14	15 CS 214	Distributed Computing	3	0	0	3	a new course in introduced	computing in distributed on cloud or networking technologies procedures are studied for skill development to do reaseach in networking domainEngineering
15	15 CS 215	Cryptography & Network Security	3	0	0	3	a new course in introduced	crypto analysis and potcols kind of knowledge to improve skill development to do reaseach in Security Engineering
16	15 CS 301	Big Data Analytics	3	0	0	3	a new course in introduced	data analytics kind of knowledge to improve skill development to do reaseach in Data Engineering
17	15 CS 303	Cloud Computing	3	0	0	3	course is modified from previous syllabus	modern networking like cloud kind of knowledge can be studied for skill development and research
18	15 CS 303	Distributed Databases	3	0	0	3	course is modified from previous syllabus	networking protocols and optimization on data bases kind of knowledge to improve skill development to do reaseach in computer networks
19	15 CS 304	Pattern Recognition	3	0	0	3	a new course in introduced	pattern recognition and Neural networks kind of knowledge to improve skill development to do reaseach in AI domain
20	15 CS 305	Soft Computing	3	0	0	3	a new course in introduced	genetic algorithms kind of knowledge to improve skill development to do reaseach in optimization domain

*Dr. G. Krishna Mohan*

Alternate HOD

Computer Science & Engineering  
Sri Sri Lakshmaiah Education Foundation  
Guntur, Andhra Pradesh

Sno	Course code	Course name	L	T	P	credits	Type	Rationale
21	15 CS 306	Software Engineering	3	0	0	3	course is modified from previous syllabus	Software engineering phases and quality standards kind of knowledge to improve skill development to do reaseach in software Engineering
22	15 CS 307	Software Reliability	3	0	0	3	a new course in introduced	reliability of software systems kind of knowledge to improve skill development to do reaseach in software Engineering
23	15 CS 308	Web Security	3	0	0	3	a new course in introduced	security of web based systems are studied improve skill development to do reaseach in web domain
24	15 CS 309	Wireless Sensor Networks	3	0	0	3	a new course in introduced	wireless networking and sensor networks kind of knowledge to improve skill development to do reaseach in networking domain
25	15 CS 310	Software Project Management	3	0	0	3	a new course in introduced	software development and management kind of knowledge to improve skill development to do reaseach in software Engineering
26	15 CS 311	Artificial Intelligence	3	0	0	3	a new course in introduced	logic and reasoning for AI kind of knowledge to improve skill development to do reaseach AI and ML security procedures in cloud environment kind of knowledge to improve skill development to do reaseach in cloud domain
27	15 CS 313	Cloud Security	3	0	0	3	a new course in introduced	security and privacy procedures kind of knowledge to improve skill development to do reaseach in data domain
28	15 CS 313	Data Security & Privacy	3	0	0	3	a new course in introduced	computing in distributed on cloud or networking technologies procedures are studied for skill development to do reaseach in networking domain Engineering
29	15 CS 314	Mobile Computing and Wireless Communication	3	0	0	3	a new course in introduced	concurrent algorithms potocols kind of knowledge to improve skill development to do reaseach in optimization of cpu time computing.
30	15 CS 315	Parallel Algorithms	3	0	0	3	a new course in introduced	

**Dr. O. Prishtha Mohan**

Alternate HOD

Computer Science & Engineering

Foundation

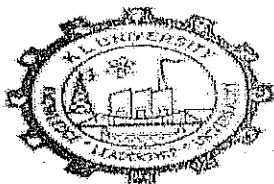
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# KL University

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Koneru Lakshmaiah Education Foundation

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

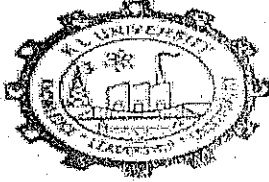
Date:07-08-2014

### Department Academic Committee Meeting

The following Agenda Items are discussed and the resolutions passed are marked against them.

Serial Number	Agenda Item	Resolution
1.	To discuss feedback obtained from various stack holder	Confirmed
2.	To discuss on the External Marks Result Analysis.	Confirmed
3.	To discuss on the Recommendations suggested by Course coordinators	Confirmed
4.	To discuss for Elaboration of contents and Removal of few sub topics in (Network Programming -11CS431)	Confirmed. To comply with the OBE for B.Tech CSE and on the External Result analysis, the course syllabus for recommended to revision.
5.	To discuss for Elaboration of contents and Removal of few sub topics in (Natural Language Processing -11CS434)	Confirmed. To comply with the OBE for B.Tech CSE and on the External Result analysis, the course syllabus for recommended to revision.
6.	To discuss for Elaboration of contents and Removal of few sub topics in change of Prescribed text book (Requirements Engineering -11CS333)	Confirmed. To comply with the OBE for B.Tech CSE and on the External Result analysis, the course syllabus for recommended to revision.
7.	To discuss for Elaboration of contents and Removal of few sub topics in change of Prescribed text book (Software Reliability -11CS433)	Confirmed. To comply with the OBE for B.Tech CSE and on the External Result analysis, the course syllabus for recommended to revision.
8.	To discuss for Elaboration of contents and Removal of few sub topics in change of Prescribed text book (Object Oriented Programming -11ES202)	Confirmed. To comply with the OBE for B.Tech CSE and on the External Result analysis, the course syllabus for recommended to revision.
9.	To discuss for Elaboration of contents and Removal of few sub topics in (Data Structures -11ES204)	Confirmed. To comply with the OBE for B.Tech CSE and on the External Result analysis, the course syllabus for recommended to revision.
10.	To discuss for Inclusion of EMC Course into curriculum.	Confirmed
11.	To discuss and Finalize the course structure for II/IV B.Tech,2013-2014 batches II semester.	Confirmed
12.	To discuss and Finalize Pre-Ph. D Course for 6 <sup>th</sup>	Confirmed

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# K L University

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## Supplementary Agenda:

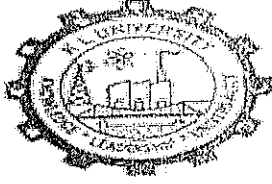
Serial Number	Agenda Item	Resolution
1.	Proposed to Continue Parallel processing course (13-CS-344) to 2014 B.Tech Batch.	Confirmed
2.	Proposed to include Redundancy in Advanced Data Base Management System(13-CS-322) and Distributed Databases (13-CS-431)	Confirmed. To comply with the OBE for B.Tech CSE, it is decided to recommend to look into the common topics in the both courses.
3.	Proposed to Guide Lines and Evaluation for Term Paper, seminars and Group Discussions.	Confirmed
4.	Proposed to Redundancy in Applied Cryptography 14-CN-503 and NetWork Security 14-CN-508	Confirmed. To comply with the OBE for B.Tech CSE, it is decided to recommend to look into the common topics in the both courses.
5.	Proposed to Wavier of Pre-reuisite condition Ref: KLU/RO/Academics – 08/2014-2015/105 Dated on 6 <sup>th</sup> August, 2014.	Confirmed
6.	Proposed to Readmission in 2 <sup>nd</sup> year B.tech -- course Equivalence Sheet Ref:KLU/Dean-Academics /RO/2014-2015/105 Dated on 22/07/2014	Confirmed

All programs for 2014-15 has been framed to be in relevance to APIIC, Human Resource Development Policy, Govt. of India, National Skill Development Corporation, Govt. of India, Confederation of Indian Industries, ABET, NBA norms, O\*NET and AICTE statutory norms.

Thus, framed curriculum has been developed through framing of Program Educational Objectives (PEO's) which are mapped to the university Vision and Mission, which are there by disseminated into Student Outcomes (SO's) which thereby have been developed into relevant Course Outcomes (CO's).

The resolutions are forwarded to BOS committee, for the approval.

  
HOD-CSE



# K L University

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Koneru Lakshmaiah Education Foundation

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Date:27-11-2014

### Department Academic Committee Meeting

The following Agenda Items are discussed and the resolutions passed are marked against them.

Serial Number	Agenda Item	Resolution
1.	To discuss feedback obtained from various stake holders	Confirmed and to discuss in BOS.
2.	Proposed for Ratification of M.Tech(cloud computing) syllabus.	Confirmed and to discuss in BOS
3.	Proposed for Inclusion of OOPS through Java for B. Tech Program in semester- II of A.Y 2014-15.	Confirmed, As per Industry peers, academic peers and OBE for B. Tech CSE committee representations. It is decided to recommended OOPS through Java

### Supplementary Agenda

Sl.No	Agenda Item	Resolution
1.	To discuss the Modification to CSE department – Vision, Mission.	Confirmed
2.	To discuss on PO's , PEO's for B.Tech CSE Department to comply with the Outcome Based Education(OBE for B.Tech CSE)	Confirmed
3.	To discuss and revise Short term and Long Term Goals	Confirmed

All programs for 2014-15 has been framed to be in relevance to APIIC, Human Resource Development Policy, Govt. of India, National Skill Development Corporation, Govt. of India, Confederation of Indian Industries, ABET, NBA norms, O\*NET and AICTE statutory norms.

Thus framed curriculum has been developed through framing of Program Educational Objectives (PEO's) which are mapped to the university Vision and Mission, which are there by disseminated into Student Outcomes (SO's) which thereby have been developed into relevant Course Outcomes (CO's).

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HOD-CSE



## K L University

(Koneru Lakshmaiah Education Foundation)

Deemed to be University, Estd. u/s 3 of USC Act, 1956

Accredited by NAAC as 'A' Grade University - Approved by AICTE - ISO 9001-2008 Certified  
Campus: Greenfields, Vaddeswaram - 522502, Guntur District, Andhra Pradesh, INDIA.

Phone: +91-863-2399999 Fax: +91-863- 2388999

Admin Off: 29-36-38, Museum Road, Governorpet, Vijayawada - 520 002. Ph: +91-866-2577715, Fax: +91-866-2577717.

### Department of Computer Science and Engineering

#### Alumni Feedback on Curriculum

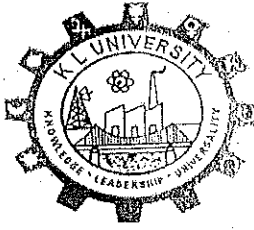
#### Academic Year (2014-15) Sem 1

1. C++ concepts were overridden by JAVA hence request to change OOP through JAVA.
2. To include multimedia tools as a part of the course to get practical knowledge about the course.
3. To introduce Parallel computing and Big data analytics as a part of professional elective.

*G. Krishna Mohan*  
HOD-CSE

**Dr. G. Krishna Mohan**  
Alternate HOD  
Computer Science & Engineering  
Koneru Lakshmaiah Education Foundation  
(Deemed to be University)  
Green Fields, VADDESWARAM-522 502  
Guntur District, Andhra Pradesh.





# KL University

(Koneru Lakshmaiah Education Foundation)

Estd. u/s 3 of UGC Act 1956

Green Fields, Vaddeswaram, (via) K.C. Works P.O. - 522 502, Guntur District, A.P.

Phones: 08645-246948, 246615 ' FAX: 08645-247249, 0866-2577902

Constituent College KLCE Accredited by NAAC with CGPA 3.76/4.00

Approved by A.I.C.T.E ± Accredited by N.B.A.± ISO 9001-2000 Certified

## CONSOLIDATED REPORT ON FEEDBACK GIVEN BY ACADEMIC PEERS

2014-15

Sno	Date	Feedback	Resource person name
1	15 July 2014	Modify the Syllabus for OOPS with c++, software reliability, natural language processing, network programming.	Dr.J.AnandChandulal Professor, Dept of CSE.
2	15 July 2014	Possible pre-Phd courses was approved and finalized the list of courses stream wise paper 2 and paper 3 in pre-Phd exams. (total 30 courses)	Dr.SatyaprasadProfessor of CSE, AcharyaNagarjuna University.
3	January 2015	Operating Systems course syllabus should be modified to make student familiar with Open source tools.	Dr.Vivek S Deshpande Professor, Dept of IT, MIT Pune.
4	January 2015	Introduce Introduction to engineering Course to make student aware of the importance and need of Engineering	Dr.Vivek S Deshpande Professor, Dept of IT, MIT Pune.
5	January 2015	Distributed Computing should be renamed as Parallel and Distributed Computing As per the ACM.	D.Rajyalaxmi Professor of CSE & Vice principal, University college of Engg. JNTUK.
6	Feb 2015	CD should be renamed as Language and Compilers, include Principles of Programming languages concepts and Low level program compilation to high level program compilation process.	Dr.P.RadhikaProf.&Principal, Dept of CSE VignanNirula Institute of Technology &Science for women, Guntur.
7	Feb 2015	Signal Processing course should be renamed as Signal Analysis as processing part of the syllabus was reduced and Analysis parts was increased in the syllabus. Laplace and Fourier transformations are emphasize more.	P.S.Avadhani, Prof. & Vice principal, AU.
8	Mar 2015	Add undesirability concepts in ATFL therefore the course should be renamed as Theory of Computation. Add String algorithms to DAA, the course name should be renamed as Algorithm design and Analysis, and change the Textbook .	Dr.SatyaprasadProfessor of CSE, AcharyaNagarjuna University.

9	Mar 2015	OOAD concepts should be merged with software Engineering and Software Architecture&Design Patterns by including advanced concepts.	Dr.Vivek S Deshpande Professor, Dept of IT, MIT Pune.
10	Apr 2015	Software Reliability should be renamed as "Fault Tolerant Computing".	Dr.G.RamaKoteswararao Profesor Dept of IT, V.R.Sidhartha Colg.of Engg, Kanuru, VJD.
11	Apr 2015	Introduce Graph analytics.	Dr.Satyaprasad Professor of CSE, Acharya Nagarjuna University.
12	Apr 2015	Software verification and validation covers Testing and Quality concepts.	Dr. Raghu Reddy Professor, Dept.of CSE, IIIT , Hyderabad
13	16 June 2015	Introduce a new M.Tech. program on Internet Of Things.	Dr.J.Anand Chandulal Professor, Dept of CSE.
14	16 June 2015	Introduce a new M.Tech. program on Big Data Analytics.	Dr.J.Anand Chandulal Professor, Dept of CSE.
15	16 June 2015	1) Suggest to introduce Cryptograpy and Network security as professional elective. 2) Suggest to introduce Big Data Analytics in M.Tech. curriculum	A.S.N.Chakravarthy Professor, Dept. of CSE, JNTUK.
16	June 2015	1) suggest to introduce machine learning and pattern classification. 2) Introduce Natural Language Processing.	Dr.Durgesh Kumar Mishra Professor and Head (CSE). Director, Microsoft Innovation Center (Lab) at Sri Aurobindo Institute of Technology, Indore, MP, India
17	June 2015	1) suggest to introduce distributed database management systems to M.Tech. Students. 2) introduce computer networks and security.	D.Rajyalaxmi Professor of CSE & Vice principal, University college of Engg. JNTUK.

HOD-CSE

*Dr. G. Krishna Mohan*  
Alternate HOD

Computer Science & Engineering  
Koneru Lakshmaiah Education Foundation  
(Deemed to be University)  
Green Fields, VADDESWARAM-522 232  
Guntur District, Andhra Pradesh

KL UNIVERSITY

DEPARTMENT OF CSE

Industry personnel feedback on the curriculum

SUMMARY REPORT - A.Y. 2014-15

5-07-2014

Sri. Muruga Kumar from FSS Ltd suggested to start new M.tech stream in Cloud computing and Big data analytics, suggested to include them as elective courses to B.tech III or IV year students

10-07-2014

Mr. G Venu from Igate technologies pointed out the redundant concepts in network security and applied cryptography and asked to modify the contents

2-11-2014

Sri Amarjeet K from MPhasis Ltd gave the following suggestions

1. Sort the syllabus of M.Tech Cloud computing after the new MoU with EMC2 ,
2. Appreciated the proposal of changing OOPs course teaching from CPP to Java

11-1-15

Mr. N sita Ram from ACI technologies told that students needed to be educated towards upcoming technologies like Mobile, IoT, SCADA and cloud technologies

20-1-15

Mr. G Vamsee from Amazon india recommended to introduce advance data structure concepts in C&DS so that the students will get high end jobs

3-02-2015

Mr. P. Siva Balaji from Infosys technologies suggested to incorporate python language, NS3 in Computer networks

12-03-2015

Mr. B. Srikanth from CTS technologies recommended to include game playing and natural language processing concepts in Professional electives

13-3-15

Mr. Ravinder from Factset, Hyderabad told that the current syllabi of Internet programming is outdated, it needs to include concepts like gaming, mobile robotics platforms in it and suggested subject name could be Platform based programming.

He also suggested to emphasize more on animation principles in graphics stream

28-03-15

Thoughworks Personnel suggested to combine CNS stream and suggested the inclusion of Forensics subject by ESF Labs

11-4-2015

Mrs. Bharti from Telecom industry told to consider introducing network security course which covers all aspects of security

21-04-2015

Mr. E Senthil kumar from Vec Technologies recommended to make Distributed computing as core course as it is the basis for all cloud stream courses

27-04-2015

Mr. Srikanth Adepu from CTS suggested to introduce data center virtualization in cloud computing he also informed to rename parallel computing course as parallel algorithms

3-5-15

Mr. Naveen C from ADP informed to give high emphasis for multimedia, specifically visualization cross platform mobile development in graphics stream

9-5-2015

Mr. B ravichand from Wipro suggested to CSE department to offer a minors in Animation and visualization areas

**KL UNIVERSITY**

Department of Computer Science and Engineering

Industry personnel feedback on the curriculum

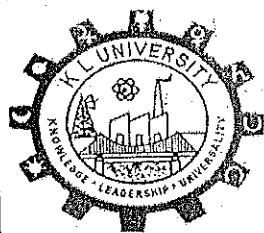
SUMMARY REPORT - A.Y. 2014-15

S No	Date	Feedback	Industry person	Industry
1	5-07-2014	Start new M.tech stream in Cloud computing and Big data analytics and suggested to include them as elective courses to B.tech III or IV year and M.tech students and service Oriented Architecture for Mtech	Mr. Muruga kumar	FSS Limited
2	10-07-2014	Pointed out the redundant concepts in network security and applied cryptography and suggested to modify the contents	Mr. G. Venu	Igate
3	02-11-2014	Sort the syllabus of M.Tech Cloud computing after the new MoU with EMC2, Appreciated the proposal of changing OOPs course teaching from CPP to Java	Mr. K. Amarjeet	Mphasis
4	11-01-2015	Students needed to be educated towards upcoming technologies like Mobile, IoT, SCADA and cloud technologies	Mr. N Sita Ram	ACI Technologies
5	20-01-2015	Introduce advance data structure concepts in C&DS so that the students will get high end jobs	Mr. G Vamsee	Amazon India
6	03-02-2015	Suggested to incorporate python language, NS3 in Computer networks	Mr. P. Siva balaji	Infosys
7	06-02-2015	Student need more focus on soft and verbal skills. It is good to introduce Corporate Skills as part of the Curriculum for better oportunities	N. Arup Anand	Honeywell
8	12-03-2015	Recommended to include game playing and natural language processing concepts in Professional electives	Mr. B. Srikanth	CTS
9	13-03-2015	The current syllabus of Internet programming is outdated, it needs to include concepts like gaming, mobile robotics platforms in it and suggested subject name could be Platform based	Mr. Ravinder	FactSet

		programming. He also suggested to emphasize more on animation principles in graphics stream		
10	28-03-2015	Suggested to combine CNS stream and suggested the inclusion of Forensics subject by ESF Labs	Thoughtworks personnel	Thoughtworks
11	11-04-2015	Consider introducing network security course which covers all aspects of security and to introduce principles of programming language for M.tech for better understanding.	Mrs. Bharti	Telecom Industry
12	21-04-2015	Recommended to make Distributed computing as core course as it is the basis for all cloud stream courses	Mr. E Senthil Kumar	Vec Technologies
13	27-04-2015	Introduce data center virtualization in cloud computing he also informed to rename parallel computing course as parallel algorithms	Mr. Srikanth Adepu	CTS
14	27-04-2015	To emphasize more on the industrial standards the following courses can be introduced 1. Fundamentals of software Engineering on SDLC 2. Requirement Engineering 3. software testing and quality Assurance	M. Sridhar	CTS
15	03-05-2015	Give high emphasis for multimedia, specifically visualization cross platform mobile development in graphics stream	Mr. C Naveen	ADP
16	09-05-2015	Suggested to CSE department to offer a minors in Animation and visualization areas	Mr. B Ravichand	Wipro

Dr. G. K. Mohan  
Alternate HOD  
Computer Science & Engineering  
General Lakshminarayana Foundation  
(Deemed to be University)  
Vijaya Vittala Fields, VADESA ARAM 522 502  
Guntur District, Andhra Pradesh.

2014 -



## K L University

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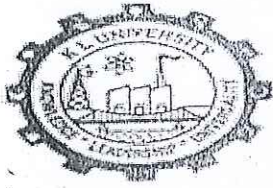
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### CONSOLIDATED REPORT ON FEEDBACK GIVEN BY PARENTS

2014-15

SNo	Date	Feedback	Parent Name
1	14.03.2015	Quality of the Teaching offered by Department is Very Good	Mr.S.Rama Krishna
2	14.03.2015	Encouragement to students for Participation in various co curricular activities is good	Mr.N.Sheshagiri rao
3	14.03.2015	Examination System is Good	Mrs.N.Lavanya
4	14.03.2015	Placement activities are good	Mr.Ch.Raghu Babu
5	14.03.2015	Course material is good	Mr.T.V.L Narasimha Rao
6	14.03.2015	Infrastructure is good in department	Mr.B.Srinath
7	14.03.2015	For Granting attendance when participated in activities and programmes conducted by the university with out fail. Kindly send the SMS for test marks also	Mr.N.Chalam
8	14.03.2015	Quality of teaching offered by the department is good	Mr.B.Gopala Krishna Reddy
9	14.03.2015	Placement activity is good	Mr.K.Basava Negendra Prasad
10	14.03.2015	Discipline is Good	Mr.D.Sita Rama Rao
11	14.03.2015	Send Marks to my mail id katasrinivas1964@gmail.com	Mr.K.Srinivasa Prasad
12	14.03.2015	Curriculum design is Good	Mr.V.Madhu Sudana Rao
13	14.03.2015	Academic Resoureces are good	Mrs.Shaik Shansha Azam
14	14.03.2015	My ward is improved communication skill after joining KLU	Mr.T.Hanumantha Rao
15	14.03.2015	Timely Delaration of examination results is good	Mr.Brahmaiah

*[Signature]*  
HOD-CSE



# K L University

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Koneru Lakshmaiah Education Foundation

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Date:03-06-2014

### Department Academic Committee Meeting

The following Agenda Items are discussed and the resolutions passed are marked against th

Serial Number	Agenda Item	Resolution
1.	To discuss feedback obtained from various stack holders	Confirmed
2.	To discuss on the External Result Analysis.	Confirmed
3.	To discuss on the Recommendations suggested by Course coordinators	Confirmed
4.	To discuss on M.Tech Computer Science and Engineering (CSE) course.	Confirmed
5.	To discuss on M.Tech Computer Networks and Security (CNS) course.	Confirmed
6.	To discuss on M.Tech Cloud Computing (CC) Course.	Confirmed
7.	Proposed to stream line L-T-P Structure of M.Tech (CSE,CNS AND CC).	Confirmed
8.	Proposed to specify the Eligibility Criteria for M.Tech (Cloud Computing).	Confirmed

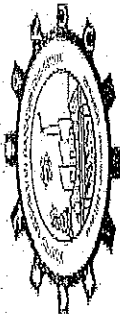
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HOD-CSE







  
**KONERU LAKSHMAIAH EDUCATION FOUNDATION**
  
 (Deemed to be University estd. U/s. 3 of the UGC Act, 1956)
   
 (NAAC Accredited "A" Grade University)

**Department of Computer Science Engineering**  
**Annexure-R14 (Ph.D-CSE)**

Sno	Course code	Course name	L	T	P	credits	Type	Rationale
1	15 CS 201	Information Retrieval System	3	0	0	3	a new course in introduced	data analytics kind of knowledge to improve skill development to do reseach in Data Engineering
2	15 CS 202	Data Ware Housing And Mining	3	0	0	3	a new course in introduced	heterogenous data from multiple data bases kind of knowledge can be studied for skill development and research
3	15 CS 203	Computer Networks	3	0	0	3	a new course in introduced	networking protocols and optimization kind of knowledge to improve skill development to do reseach in computer networks
4	15 CS 204	Data Center Virtualization	3	0	0	3	a new course in introduced	cloud data center virtualization and optimization kind of knowledge to improve skill development to do reseach in cloud comping
5	15 CS 205	Network Security	3	0	0	3	a new course in introduced	security protocols and networking technology kind of knowledge to improve skill development to do reseach in networking
6	15 CS 206	Software Architecture	3	0	0	3	a new course in introduced	Software engineering phases and quality standards kind of knowledge to improve skill development to do reseach in software Engineering
7	15 CS 207	Software Testing And Quality Assurance	3	0	0	3	a new course in introduced	manual and automated testing kind of knowledge to improve skill development to do reseach in software Engineering
8	15 CS 208	Advances in Computing	3	0	0	3	a new course in introduced	grid, persavive like modern computing procedures are studied improve skill development to do reseach in computing domain
9	15 CS 209	Advanced Data Structures	3	0	0	3	a new course in introduced	algorithms and data structures kind of knowledge to improve skill development to do reseach algorithms domain

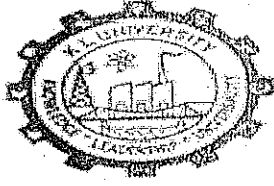
  
**Dr. G. Krishna Mohan**  
 Alternate HOD  
 Computer Science & Engineering

Sno	Course code	Course name	L	T	P	credits	Type	Rationale
10	15 CS 210	Digital Image Processing	3	0	0	3	course is modified from previous syllabus	still an video imaging kind of knowledge to improve skill development to do reseach in Digital Image processing
11	15 CS 211	Bio-Informatics	3	0	0	3	a new course in introduced	still an video imaging kind of knowledge to improve skill development to do reseach in Digital Image processing
12	15 CS 212	Service Oriented Architecture	3	0	0	3	a new course in introduced	data analytics kind of knowledge to improve skill development to do reseach in Data Engineering
13	15 CS 213	Mobile Cloud	3	0	0	3	a new course in introduced	mobility in cloud environment kind of knowledge to improve skill development to do reseach in cloud computing domain
14	15 CS 214	Distributed Computing	3	0	0	3	a new course in introduced	computing in distributed on cloud or networking technologies procedures are studied for skill development to do reseach in networking domainEngineering
15	15 CS 215	Cryptography & Network Security	3	0	0	3	a new course in introduced	crypto analysis and potools kind of knowledge to improve skill development to do reseach in Security Engineering
16	15 CS 301	Big Data Analytics	3	0	0	3	a new course in introduced	data analytics kind of knowledge to improve skill development to do reseach in Data Engineering
17	15 CS 303	Cloud Computing	3	0	0	3	course is modified from previous syllabus	modern networking like cloud kind of knowledge can be studied for skill development and research
18	15 CS 303	Distributed Databases	3	0	0	3	course is modified from previous syllabus	networking protocols and optimization on data bases kind of knowledge to improve skill development to do reseach in computer networks
19	15 CS 304	Pattern Recognition	3	0	0	3	a new course in introduced	pattern recognition and Neural networks kind of knowledge to improve skill development to do reseach in AI domain
20	15 CS 305	Soft Computing	3	0	0	3	a new course in introduced	genetic algorithms kind of knowledge to improve skill development to do reseach in optimization domain

Dr. G. Krishna Mohan  
Alternate HOD  
Computer Science & Engineering  
Sri Sri Lakshmaiah Education Foundation  
Sri Sri Lakshmaiah University

Sno	Course code	Course name	L	T	P	credits	Type	Rationale
21	15 CS 306	Software Engineering	3	0	0	3	course is modified from previous syllabus	Software engineering phases and quality standards kind of knowledge to improve skill development to do reaseach in software Engineering
22	15 CS 307	Software Reliability	3	0	0	3	a new course in introduced	reliability of software systems kind of knowledge to improve skill development to do reaseach in software Engineering
23	15 CS 308	Web Security	3	0	0	3	a new course in introduced	security of web based systems are studied improve skill development to do reaseach in web domain
24	15 CS 309	Wireless Sensor Networks	3	0	0	3	a new course in introduced	wireless networking and sensor networks kind of knowledge to improve skill development to do reaseach in networking domain
25	15 CS 310	Software Project Management	3	0	0	3	a new course in introduced	software development and management kind of knowledge to improve skill development to do reaseach in software Engineering
26	15 CS 311	Artificial Intelligence	3	0	0	3	a new course in introduced	logic and reasoning for AI kind of knowledge to improve skill development to do reaseach AI and ML
27	15 CS 313	Cloud Security	3	0	0	3	a new course in introduced	security procedures in cloud environment kind of knowledge to improve skill development to do reaseach in cloud domain
28	15 CS 313	Data Security & Privacy	3	0	0	3	a new course in introduced	security and privacy procedures kind of knowledge to improve skill development to do reaseach in data domain
29	15 CS 314	Mobile Computing and Wirless Communication	3	0	0	3	a new course in introduced	computing in distributed on cloud or networking technologies procedures are studied for skill development to do reaseach in networking domain Engineering
30	15 CS 315	Parallel Algorithms	3	0	0	3	a new course in introduced	concurrent algorithms potocols kind of knowledge to improve skill development to do reaseach in optimization of cpu time computing.

**Dr. Arishtha Mohan**  
Alternate HOD



# KL University

w/e 3 of UGC Act, 1956  
Koneru Lakshmaiah Education Foundation

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

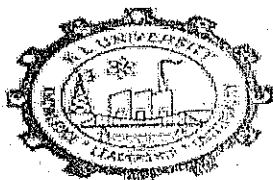
Date:07-08-2014

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3.	To discuss on the Recommendations suggested by Course coordinators	Confirmed
4.	To discuss for Elaboration of contents and Removal of few sub topics in (Network Programming -11CS431)	Confirmed. To comply with the OBE for B.Tech CSE and on the External Result analysis, the course syllabus for recommended to revision.
5.	To discuss for Elaboration of contents and Removal of few sub topics in (Natural Language Processing -11CS434)	Confirmed. To comply with the OBE for B.Tech CSE and on the External Result analysis, the course syllabus for recommended to revision.
6.	To discuss for Elaboration of contents and Removal of few sub topics in change of Prescribed text book (Requirements Engineering -11CS333)	Confirmed. To comply with the OBE for B.Tech CSE and on the External Result analysis, the course syllabus for recommended to revision.
7.	To discuss for Elaboration of contents and Removal of few sub topics in change of Prescribed text book (Software Reliability -11CS433)	Confirmed. To comply with the OBE for B.Tech CSE and on the External Result analysis, the course syllabus for recommended to revision.
8.	To discuss for Elaboration of contents and Removal of few sub topics in change of Prescribed text book (Object Oriented Programming -11ES202)	Confirmed. To comply with the OBE for B.Tech CSE and on the External Result analysis, the course syllabus for recommended to revision.
9.	To discuss for Elaboration of contents and Removal of few sub topics in (Data Structures -11ES204)	Confirmed. To comply with the OBE for B.Tech CSE and on the External Result analysis, the course syllabus for recommended to revision.
10.	To discuss for Inclusion of EMC Course into curriculum.	Confirmed
11.	To discuss and Finalize the course structure for III/IV B.Tech,2013-2014 batches II semester.	Confirmed
12.	To discuss and Finalize Pre-Ph. D Course for 6 <sup>th</sup>	Confirmed

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## Supplementary Agenda:

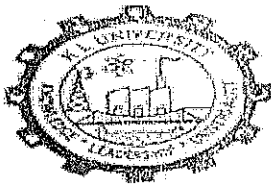
Serial Number	Agenda Item	Resolution
1.	Proposed to Continue Parallel processing course (13-CS-344) to 2014 B.Tech Batch.	Confirmed
2.	Proposed to include Redundancy in Advanced Data Base Management System(13-CS-322) and Distributed Databases (13-CS-431)	Confirmed. To comply with the OBE for B.Tech CSE, it is decided to recommend to look into the common topics in the both courses.
3.	Proposed to Guide Lines and Evaluation for Term Paper, seminars and Group Discussions.	Confirmed
4.	Proposed to Redundancy in Applied Cryptography 14-CN-503 and NetWork Security 14-CN-508	Confirmed. To comply with the OBE for B.Tech CSE, it is decided to recommend to look into the common topics in the both courses.
5.	Proposed to Wavier of Pre-reuisite condition Ref: KLU/RO/Academics – 08/2014-2015/105 Dated on 6 <sup>th</sup> August, 2014.	Confirmed
6.	Proposed to Readmission in 2 <sup>nd</sup> year B.tech – course Equivalence Sheet Ref:KLU/Dean-Academics /RO/2014-2015/105 Dated on 22/07/2014	Confirmed

All programs for 2014-15 has been framed to be in relevance to APIIC, Human Resource Development Policy, Govt. of India, National Skill Development Corporation, Govt. of India, Confederation of Indian Industries, ABET, NBA norms, O\*NET and AICTE statutory norms.

Thus, framed curriculum has been developed through framing of Program Educational Objectives (PEO's) which are mapped to the university Vision and Mission, which are there by disseminated into Student Outcomes (SO's) which thereby have been developed into relevant Course Outcomes (CO's).

The resolutions are forwarded to BOS committee, for the approval.

  
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## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Date:27-11-2014

### Department Academic Committee Meeting

The following Agenda Items are discussed and the resolutions passed are marked against them.

Serial Number	Agenda Item	Resolution
1.	To discuss feedback obtained from various stake holders	Confirmed and to discuss in BOS.
2.	Proposed for Ratification of M.Tech(cloud computing) syllabus.	Confirmed and to discuss in BOS
3.	Proposed for Inclusion of OOPS through Java for B. Tech Program in semester- II of A.Y 2014-15.	Confirmed, As per Industry peers, academic peers and OBE for B. Tech CSE committee representations. It is decided to recommended OOPS through Java

### Supplementary Agenda

Sl.No	Agenda Item	Resolution
1.	To discuss the Modification to CSE department – Vision, Mission.	Confirmed
2.	To discuss on PO's, PEO's for B.Tech CSE Department to comply with the Outcome Based Education(OBE for B.Tech CSE)	Confirmed
3.	To discuss and revise Short term and Long Term Goals	Confirmed

All programs for 2014-15 has been framed to be in relevance to APHC, Human Resource Development Policy, Govt. of India, National Skill Development Corporation, Govt. of India, Confederation of Indian Industries, ABET, NBA norms, O\*NET and AICTE statutory norms.  
Thus framed curriculum has been developed through framing of Program Educational Objectives (PEO's) which are mapped to the university Vision and Mission, which are there by disseminated into Student Outcomes (SO's) which thereby have been developed into relevant Course Outcomes (CO's).

The resolutions are forwarded to BOS committee, for the approval.

  
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### Department of Computer Science and Engineering

#### Alumni Feedback on Curriculum

#### Academic Year (2014-15) Sem I

1. C++ concepts were overridden by JAVA hence request to change OOP through JAVA.
2. To include multimedia tools as a part of the course to get practical knowledge about the course.
3. To introduce Parallel computing and Big data analytics as a part of professional elective.

*G. Mohan*  
HOD-CSE

**Dr. G. Krishna Mohan**  
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Approved by A.I.C.T.E ± Accredited by N.B.A.± ISO 9001-2000 Certified

## CONSOLIDATED REPORT ON FEEDBACK GIVEN BY ACADEMIC PEERS

2014-15

Sno	Date	Feedback	Resource person name
1	15 July 2014	Modify the Syllabus for OOPS with c++, software reliability, natural language processing, network programming.	Dr.J.AnandChandulal Professor, Dept of CSE.
2	15 July 2014	Possible pre-Phd courses was approved and finalized the list of courses stream wise paper 2 and paper 3 in pre-Phd exams. (total 30 courses)	Dr.SatyaprasadProfessor of CSE, AcharyaNagarjuna University.
3	January 2015	Operating Systems course syllabus should be modified to make student familiar with Open source tools.	Dr.Vivek S Deshpande Professor, Dept of IT, MIT Pune.
4	January 2015	Introduce Introduction to engineering Course to make student aware of the importance and need of Engineering	Dr.Vivek S Deshpande Professor, Dept of IT, MIT Pune.
5	January 2015	Distributed Computing should be renamed as Parallel and Distributed Computing As per the ACM.	D.Rajyalaxmi Professor of CSE & Vice principal, University college of Engg. JNTUK.
6	Feb 2015	CD should be renamed as Language and Compilers, include Principles of Programming languages concepts and Low level program compilation to high level program compilation process.	Dr.P.RadhikaProf.&Principal, Dept of CSE VignanNirula Institute of Technology &Science for women, Guntur.
7	Feb 2015	Signal Processing course should be renamed as Signal Analysis as processing part of the syllabus was reduced and Analysis parts was increased in the syllabus. Laplace and Fourier transformations are emphasize more.	P.S.Avadhani, Prof. & Vice principal, AU.
8	Mar 2015	Add undesirability concepts in ATFL therefore the course should be renamed as Theory of Computation. Add String algorithms to DAA, the course name should be renamed as Algorithm design and Analysis, and change the Textbook .	Dr.SatyaprasadProfessor of CSE, AcharyaNagarjuna University.



9	Mar 2015	OOAD concepts should be merged with software Engineering and Software Architecture&Design Patterns by including advanced concepts.	Dr.Vivek S Deshpande Professor, Dept of IT, MIT Pune.
10	Apr 2015	Software Reliability should be renamed as "Fault Tolerant Computing".	Dr.G.RamaKoteswararao Profesor Dept of IT, V.R.SidharthaColg.ofEngg, Kanuru, VJD.
11	Apr 2015	Introduce Graph analytics.	Dr.Satyaprasad Professor of CSE, Acharya Nagarjuna University.
12	Apr 2015	Software verification and validation covers Testing and Quality concepts.	Dr. Raghu Reddy Professor, Dept.of CSE, IIIT , Hyderabad
13	16 june 2015	Introduce a new M.Tech. program on Internet Of Things.	Dr.J.Anand Chandulal Professor, Dept of CSE.
14	16 June 2015	Introduce a new M.Tech. program on Big Data Analytics.	Dr.J.Anand Chandulal Professor, Dept of CSE.
15	16 june 2015	1) Suggest to introduce Cryptograpy and Network security as professional elective. 2) Suggest to introduce Big Data Analytics in M.Tech. curriculum	A.S.N.Chakravarthy Professor, Dept. of CSE, JNTUK.
16	June 2015	1) suggest to introduce machine learning and pattern classification. 2) Introduce Natural Language Processing.	Dr.Durgesh Kumar Mishra Professor and Head (CSE), Director, Microsoft Innovation Center (Lab) at Sri Aurobindo Institute of Technology, Indore, MP, India
17	June 2015	1) suggest to introduce distributed database management systems to M.Tech. Students. 2) introduce computer networks and security.	D.Rajyalaxmi Professor of CSE & Vice principal, University college of Engg. JNTUK.

HOD-CSE

**Dr. G. Krishna Mohan**  
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KL UNIVERSITY

DEPARTMENT OF CSE

Industry personnel feedback on the curriculum

SUMMARY REPORT - A.Y. 2014-15

5-07-2014

Sri. Muruga Kumar from FSS Ltd suggested to start new M.tech stream in Cloud computing and Big data analytics, suggested to include them as elective courses to B.tech III or IV year students

10-07-2014

Mr. G Venu from Igate technologies pointed out the redundant concepts in network security and applied cryptography and asked to modify the contents

2-11-2014

Sri Amarjeet K from MPhasis Ltd gave the following suggestions

1. Sort the syllabus of M.Tech Cloud computing after the new MoU with EMC2 ,
2. Appreciated the proposal of changing OOPs course teaching from CPP to Java

11-1-15

Mr. N sita Ram from ACI technologies told that students needed to be educated towards upcoming technologies like Mobile, IoT, SCADA and cloud technologies

20-1-15

Mr. G Vamsee from Amazon india recommended to introduce advance data structure concepts in C&DS so that the students will get high end jobs

3-02-2015

Mr. P. Siva Balaji from Infosys technologies suggested to incorporate python language, NS3 in Computer networks

12-03-2015

Mr. B. Srikanth from CTS technologies recommended to include game playing and natural language processing concepts in Professional electives

13-3-15

Mr. Ravinder from Factset, Hyderabad told that the current syllabi of Internet programming is outdated, it needs to include concepts like gaming, mobile robotics platforms in it and suggested subject name could be Platform based programming.

He also suggested to emphasize more on animation principles in graphics stream

28-03-15

Thoughworks Personnel suggested to combine CNS stream and suggested the inclusion of Forensics subject by ESF Labs

11-4-2015

Mrs. Bharti from Telecom industry told to consider introducing network security course which covers all aspects of security

21-04-2015

Mr. E Senthil kumar from Vec Technologies recommended to make Distributed computing as core course as it is the basis for all cloud stream courses

27-04-2015

Mr. Srikanth Adepu from CTS suggested to introduce data center virtualization in cloud computing he also informed to rename parallel computing course as parallel algorithms

3-5-15

Mr. Naveen C from ADP informed to give high emphasis for multimedia, specifically visualization cross platform mobile development in graphics stream

9-5-2015

Mr. B ravichand from Wipro suggested to CSE department to offer a minors in Animation and visualization areas

KL UNIVERSITY

Department of Computer Science and Engineering

Industry personnel feedback on the curriculum

SUMMARY REPORT - A.Y. 2014-15

S No	Date	Feedback	Industry person	Industry
1	5-07-2014	Start new M.tech stream in Cloud computing and Big data analytics and suggested to include them as elective courses to B.tech III or IV year and M.tech students and service Oriented Architecture for Mtech	Mr. Muruga kumar	FSS Limited
2	10-07-2014	Pointed out the redundant concepts in network security and applied cryptography and suggested to modify the contents	Mr. G. Venu	Igate
3	02-11-2014	Sort the syllabus of M.Tech Cloud computing after the new MoU with EMC2, Appreciated the proposal of changing OOPs course teaching from CPP to Java	Mr. K. Amarjeet	Mphasis
4	11-01-2015	Students needed to be educated towards upcoming technologies like Mobile, IoT, SCADA and cloud technologies	Mr. N Sita Ram	ACI Technologies
5	20-01-2015	Introduce advance data structure concepts in C&DS so that the students will get high end jobs	Mr. G Vamsee	Amazon India
6	03-02-2015	Suggested to incorporate python language, NS3 in Computer networks	Mr. P. Siva balaji	Infosys
7	06-02-2015	Student need more focus on soft and verbal skills. It is good to introduce Corporate Skills as part of the Curriculum for better oportunities	N. Arup Anand	Honeywell
8	12-03-2015	Recommended to include game playing and natural language processing concepts in Professional electives	Mr. B. Srikanth	CTS
9	13-03-2015	The current syllabus of Internet programming is outdated, it needs to include concepts like gaming, mobile robotics platforms in it and suggested subject name could be Platform based	Mr. Ravinder	FactSet

		programming. He also suggested to emphasize more on animation principles in graphics stream		
10	28-03-2015	Suggested to combine CNS stream and suggested the inclusion of Forensics subject by ESF Labs	Thoughtworks personnel	Thoughtworks
11	11-04-2015	Consider introducing network security course which covers all aspects of security and to introduce principles of programming language for M.tech for better understanding.	Mrs. Bharti	Telecom Industry
12	21-04-2015	Recommended to make Distributed computing as core course as it is the basis for all cloud stream courses	Mr. E Senthil Kumar	Vec Technologies
13	27-04-2015	Introduce data center virtualization in cloud computing he also informed to rename parallel computing course as parallel algorithms	Mr. Srikanth Adepu	CTS
14	27-04-2015	To emphasize more on the industrial standards the following courses can be introduced 1. Fundamentals of software Engineering on SDLC 2. Requirement Engineering 3. software testing and quality Assurance	M. Sridhar	CTS
15	03-05-2015	Give high emphasis for multimedia, specifically visualization cross platform mobile development in graphics stream	Mr. C Naveen	ADP
16	09-05-2015	Suggested to CSE department to offer a minors in Animation and visualization areas	Mr. B Ravichand	Wipro

Dr. G. K. Mohan  
 Alternate HOD  
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2014-



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### CONSOLIDATED REPORT ON FEEDBACK GIVEN BY PARENTS

2014-15

SNo	Date	Feedback	Parent Name
1	14.03.2015	Quality of the Teaching offered by Department is Very Good	Mr.S.Rama Krishna
2	14.03.2015	Encouragement to students for Participation in various co curricular activities is good	Mr.N.Sheshagiri rao
3	14.03.2015	Examination System is Good	Mrs.N.Lavanya
4	14.03.2015	Placement activities are good	Mr.Ch.Raghu Babu
5	14.03.2015	Course material is good	Mr.T.V.L Narasimha Rao
6	14.03.2015	Infrastructure is good in department	Mr.B.Srinath
7	14.03.2015	For Granting attendance when participated in activities and programmes conducted by the university with out fail. Kindly send the SMS for test marks also	Mr.N.Chalam
8	14.03.2015,	Quality of teaching offered by the department is good	Mr.B.Gopala Krishna Reddy
9	14.03.2015	Placement activity is good	Mr.K.Basava Negendra Prasad
10	14.03.2015	Discipline is Good	Mr.D.Sita Rama Rao
11	14.03.2015	Send Marks to my mail id katasrinivas1964@gmail.com	Mr.K.Srinivasa Prasad
12	14.03.2015	Curriculum design is Good	Mr.V.Madhu Sudana Rao
13	14.03.2015	Academic Resoureces are good	Mrs.Shaik Shansha Azam
14	14.03.2015	My ward is improved communication skill after joining KLU	Mr.T.Hanumantha Rao
15	14.03.2015	Timely Delaration of examination results is good	Mr.Brahmaiah

*[Signature]*  
HOD-CSE