AGREEMENT FOR PROVISION OF SOFTWARE SERVICES FOR ADMINISTRATION OF ACADEMIC AUTONOMY, EXAMINATIONS AND OUTCOME BASED EDUCATION

AGREEMENT

This agreement made on 1st day of ~~January~~ August, 2015 between KLE Technological University, Hubballi represented by its Registrar, Prof. B L Desai, having its office at Vidyanagar, Hubballi, Karnataka, INDIA, hereinafter called KLE Tech (which expression shall wherever the context so admits include its successors and assignees) of the First Part

AND

M/s e-Sutra Chronicles Private Limited a Company incorporated under the Companies Act, 1956 represented by its Chief Executive Officer Sri Sudhindra Mokhasi having its registered office at # 953, SLN

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KLE Technological University
HUBBALLI-580 031.

Plaza, 1st Floor, 15th Cross, 21st Main, Banashankari 2nd Stage, Bangalore-560070, INDIA hereinafter called "e-Sutra" (which expression shall wherever the context so admits include its successors and permitted assignees) of the Second Part

WHEREAS KLE Tech is one of Karnataka's leading engineering colleges established in the year 1947 as BV Bhoomaraddi College of Engineering by visionary founders of KLE Society AND

WHEREAS KLE Tech has been functioning since 1947 as BV Bhoomaraddi College of Engineering and has been elevated to the status of a State Private University in 2015. In this regard KLE Tech is seeking a software provider to meet its current requirement for managing the academic autonomy processes, and also meet its future growth requirements with plans to establish its own University.

WHEREAS e-Sutra, established in 2007, is a pioneering IT products company, that has developed India's first and class leading Outcome based Education and Academics Administration Platform for engineering colleges branded as 'contineo' - a product that is successfully operational in other leading autonomous & institutions since 2011.

WHEREAS e-Sutra after detailed demonstration and discussion with KLE Tech has made an offer to implement its software solution 'contineo' to suit the requirement of KLE Tech.

WHEREAS KLE Tech has through multiple sittings carried out extensive evaluation of 'contineo' and followed it up with customer reference checks for feedback and ascertained suitability to KLE Tech.

WHEREAS KLE Tech and e-Sutra have, in this regard, arrived at an understanding in terms of which it is agreed that in consideration of mutual promises the Parties deem it desirable and expedient to reduce the terms and conditions of their arrangement into writing and have the same duly evidenced by way of this agreement.

NOW THIS AGREEMENT WITNESSES AS FOLLOWS:

Scope and Purpose: The parties here by understand and agree that the purpose of this arrangement is to have a complete integrated Student Information, Internal Assessment and End Semester Examination system with administration of academics, with emphasis on OBE model of education. The detailed scope of work and various modules to be implemented, operated and supported are as stated in Annexure-1 of this Agreement. e-Sutra hereby agrees and confirm that it is offering it's IT platform 'contineo' as a software-as-a-service or rental model to KLE Tech and will provide

1. To implement all the modules listed in Annexure-1 in a timeframe as mutually agreed by both parties

2. Provide all required training to KLE Tech users.

3. Automatic upgrade of its entire standard (not customer specific) product development and new version released by it to other customers without any additional fee.

Service Levels

1. To deploy adequate professional staff in the premises of KLE Tech during the period of implementation and thereafter to ensure proper implementation

2. To resolve any defect or bugs in the software reported by KLE Tech from time to time with-in a reasonable period.

3. While e-Sutra incorporates best practices for implementation of academic autonomy and covers all relevant processes through automation, it may be occasionally necessary to modify and customize the software for KLE Tech. e-Sutra shall, as a part of this contract, modify or make required changes to its software application to meet the requirement of KLE Tech. These changes shall be governed by the terms in the cost section of this agreement

    a. The parties here by agree to adhere to the following process for all customization and modification: (i) KLE Tech will document the change / modification required. (ii) e-Sutra and KLE Tech will together arrive at a suitable schedule and timeline for delivery and deployment. (iii) An over-run of 20% on the timeline is permitted beyond which it will be escalated to the steering committee comprising both parties for resolution.

4. It is the responsibility of e-Sutra to ensure that the application deployed is as per the requirements and functionality as agreed between KLE Tech and e-Sutra. The software will be adequately tested and all critical bugs are fixed before deployment in the production environment. The following is the response time for bugs reported by KLE Tech.

Severity of Bug	Reporting of issue by KLE Tech	Time schedule to e-Sutra to respond with plan and timeline to resolve issue
Critical – Show stopper	Phone call to e-Sutra designated number AND logging of issue on the designated trouble ticket system	Within 8 (working) hours of the reporting of the bug by KLE Tech
Major	Phone call to e-Sutra designated number AND logging of issue on the designated trouble ticket system	Within 12 (working) hours of the reporting of the bug by KLE Tech
Minor	Phone call to e-Sutra designated number AND Logging of issue on the designated trouble ticket system	Within 48 (working) hours of the reporting of the bug by KLE Tech

5. Working hours for the scope of this agreement are defined as 9:30AM to 6:00PM, Monday through Friday, and excludes the days listed as holidays on KLE Tech academic calendar and e-Sutra holiday list.

UPTIME & CREDIT POLICY It is the responsibility of e-Sutra to ensure adequate uptime of the software. In case there is a continuous failure of business critical parts of the software for a period exceeding time stated in para (i) above the following remedy is proposed.

1. For the first occurrence in a fiscal year: KLE Tech will receive a credit of Rs.1000/-

2. For every subsequent occurrence within the same fiscal year: Rs.2000 per occurrence

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3. The total number of credits in any fiscal year is capped at 3% of total annual billing in that year.

Credit Exceptions: - The credits will not be allowed under any of the following circumstances

    i. Downtime caused as a result of KLE Tech exceeding system capacity;

    ii. Downtime due to viruses

    iii. Downtime due to KLE Tech failure to adhere to e-Sutra change Management process and procedures;

    iv. Downtime caused by Acts of God or natural disasters;

    v. Any event or condition not wholly within the control of Vendor;

    vi. The negligence or willful misconduct of KLE Tech or others authorized by KLE Tech to use the Services provided by Vendor

    vii. Any failure of any component for which e-Sutra is not responsible, including but not limited to all KLE Tech -provided or KLE Tech -managed electrical power sources, networking equipment, computer hardware, computer software or web site content;

    viii. Downtime due to the acts or omissions of KLE Tech, its employees, agents, third party contractors or vendors, or anyone gaining access to Vendor's network or to the KLE Tech's Web site at the request of KLE Tech

    ix. Any failure of KLE Tech-provided local access facilities

    x. Any scheduled or emergency maintenance up to an accumulated total of 24 hours per month

    xi. Any failures that cannot be corrected because KLE Tech is inaccessible

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Responsibilities

1. **Key Personnel:** It is hereby agreed that key personnel for monitoring and implementing the activities under this agreement is Shri B L Desai, from KLE Tech and Shri Balaji C R , President from e-Sutra. The said Key Personnel shall be responsible for implementing the Agreement and also to ensure that all the provision and requirements of this agreement are adhered. KLE Tech here by agrees to provide the information and data as stated in Annexure-3.

   a. e-Sutra shall assign a SPOC (Single point of contact) for managing all operational aspects of the engagement with KLE Tech

   b. KLE Tech shall assign a SPOC (Single point of contact) for managing all operational aspects of the engagement with KLE Tech

2. **Software requirement:** It is confirmed by e-Sutra that KLE Tech is not required to procure any software and 'contineo', and its extendable capabilities comes with all required software and no additional licenses of databases etc., are required. 'contineo' is accessed through browsers on the client machines. 'contineo' supports all current versions of Google Chrome and Mozilla Firefox. It also assured by e-Sutra that future development and additions to software are done by using open source and KLE Tech shall not need to procure additional software.

3. **Hardware requirement:** It is agreed that the KLE Tech shall provide all the required connectivity (both internet & intranet), hardware like servers, backup infrastructure, workstations and other associated hardware for setup, testing and implementation of 'contineo'. The detailed specification of servers and connectivity to be provide are as specified in Annexure-2. The custodial responsibility of the servers will be with e-Sutra. However, server repair and maintenance, SLAs for uptime and cost related to hardware is not the responsibility of e-Sutra. E-Sutra will be the user of the hardware and will take ownership for 'contineo' application running on it. E-Sutra shall have exclusive super-admin rights to the server on which 'contineo' resides.

4. **Hosting and connectivity infrastructure:** The internet hosting infrastructure and connectivity required to for student portal, declare students' results online is also excluded from the price and shall be provided by KLE Tech. KLE Tech shall also provide a minimum 1 MBPS bandwidth for the e-Sutra team to access the KLE Tech server implementation from their office for maintenance purposes.

5. **Onsite Visit:** For use during onsite visits of e-Sutra engineers to KLE Tech, KLE Tech shall provide a dedicated desktop system on the same internal network as 'contineo', and dedicated phone with an extension number

6. **Pricing Arrangements:** It is agreed that KLE Tech to use the service offered by e-Sutra as software service and to compensate e-Sutra on rental model, the details are provided in table below.

Sl	Item	Cost
1	Annual usage fee for Contineo	Rs.428/- per user* per year
2	New academic modules released by contineo as a part of its premium product range	Free - Included in above

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Sl	Item	Cost
3	Product upgrades	Free - Included in above
4	Program Management fee for implementation	Free - Included in above
5	Business analysis to capture customization requirements	Free - Included in above
6	contineo' customization fee	Free - for all changes deemed as business critical requirements by the steering committees of both parties
7	User Training fee (Train the trainer model)	Free - Included in above
8	Import of historical examination result data	extra at additional cost per exam
9	Integration of any one 3rd party payment gateway for online payments	Free - Included in above
10	Premium Support Phone support 9 AM to 5 PM: Monday to Friday and all working days Support personnel at KLE Tech campus on need basis (for training and critical support purposes). Remote support over VPN	Free - Included in above
11	SMS charges	SMS pack to be provided by KLE Tech else chargeable at 30 paisa per national SMS and Rs.7/- for international SMS
12	Accommodation for contineo engineers at KLE Tech	To be provided by KLE Tech or reimbursed at actuals
13	Government taxes - GST	The above prices are exclusive of all taxes. The taxes, if payable by law shall be borne by KLE Tech.

7. **Note:** The users* for the purpose of billing is the peak number of students in an academic year whose academic activities (whose admission, attendance, internal assessment, results etc are processed in the system) are being executed on 'contineo'and all the staff of KLE Tech who will need a login to use 'contineo'.

8. **Payment Terms**

    a.   The above price is exclusive of all taxes.

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b. Invoices will be raised in advance every quarter.

c. KLE Tech shall pay the invoiced dues within 7 days of receipt of the invoice..

9. **Tenure and Termination of the Agreement:** This agreement shall be effective from the date of its signing by both the Parties and the agreement shall be perpetually valid valid until terminated by either party

   a. It is agreed that either party may terminate this agreement by giving six months' notice in writing to other Party. On termination of this agreement, KLE Tech shall have the complete and exclusive rights on all the data stored in the system and KLE Tech shall not have any right on the 'contineo' software platform.

   b. In the event of termination e-Sutra shall agree to extend proper handholding to the new service provider identified by KLE Tech

   c. It is agreed that the KLE Tech is the owner and custodian of all the data updated and stored in the System. e-Sutra will have no right or lien on the data at any stage and it is hereby agree that it will not share any data or information with any third party without the approval of KLE Tech.

10. **Intellectual Property:** e-Sutra owns all right, title and interest in all Intellectual Property of the software platform 'contineo' PLUS' that will be deployed for use by KLE Tech. During the contract period, KLE Tech shall have the non-exclusive right to use it for the number of users for which it is being billed. Upon completion of the term of this contract or upon termination, KLE Tech shall not have any usage or any other rights on the intellectual property of 'contineo' and e-Sutra shall not have ownership of any data generated on 'contineo'.

11. **Source Code Escrow:** e-Sutra hereby agree that the source code shall be kept in an escrow with a mutually agreed institution like a bank or the KLE Tech Vice Chancellor's Office. The escrow shall come into effect if the e-Sutra becomes insolvent, makes a general assignment for the benefits of creditors, files a voluntary petition for bankruptcy, suffers or permits the appointment of a receiver for its business or assets, or becomes subject to any proceedings under any bankruptcy or insolvency law, whether domestic or foreign, or is wound up or liquidated its business voluntarily or otherwise.

12. **Warranties and Indemnity:** e-Sutra warrants that 'contineo' and its extendible capacitates software will conform to all substantial operational features as listed in the section Annexure 1 when implemented and set up completely. Notwithstanding anything to the contrary contained herein, except as in the immediately preceding paragraph, neither party will be liable for any person claiming rights (derived from the other party's rights) indirect, consequential, special, punitive or exemplary damages of any lost revenues or profits, loss of business or loss of data arising out of (including without limitation as a result of any breach of any warranty, of this agreement), regardless of whether the party liable for allegedly advised, had other reason to know, or in-fact knew of the possibility where e-sutra's maximum liability arising out of or relating to the transaction subject matter of this agreement, regardless of the cause of action, contract, tort, breach of warranty or otherwise, will not exceed the amount paid by KLE Tech to e-sutra in a year. Notwithstanding anything to the contrary contained herein, KLE Tech's use of the 'contineo' and its extendible capacitates application is subject to the Terms of Use and Privacy Policy available from application homepage. By agreeing hereof KLE Tech

hereby agrees to abide by such Terms of Use & Privacy Policy, as they may be revised from time to time.

13. **Confidentiality:** Each Party (KLE Tech and e-Sutra) agree and undertake to keep confidential and not to disclose the contents of this Agreement, KLE Tech data and information on 'contineo' or any details of 'contineo' software platform to any third party without prior written permission. Each party shall ensure that its relevant employees, agents and any other person to whom the information is disclosed are aware of the confidentiality of the information and the provisions of this clause. Any breach by its employee, agent or such other person will constitute a breach by the Receiving Party. However, the provisions of this clause shall have no effect in respect of information required to be disclosed pursuant to any relevant law, regulation or court order issued by a court of competent jurisdiction.

14. **Force Majeure:** The Parties shall not be held responsible for non-fulfillment of their respective obligations in successful completion of the requirement under this Agreement due to the exigency of one or more of the force majeure events such as but not limited to acts of God, War, Flood, Earthquakes, Strikes not confined to the premises of the party, Lockouts beyond the control of the party claiming force majeure, Epidemics, Riots, Civil Commotions etc. lying beyond the reasonable control of and not brought about at the instance of the Party claiming to be affected by such event and which has caused the non-performance or delay in performance; provided on the occurrence and cessation of any such event the party affected thereby shall give a notice in writing to the other party within one month of such occurrence or cessation. If the force majeure conditions continue beyond six months, the parties shall jointly decide about the future course of action on the Agreement.

15. **Severability:** If any provision of this Agreement will be found by a court of competent jurisdiction to be void, invalid or unenforceable, the same will either be reformed to comply with applicable law or stricken if not so conformable, so as not to affect the validity or enforceability of this Agreement.

16. **Amendments to the Agreement:** No amendment or modification of this Agreement shall be valid unless the same is made in writing by all the parties or their authorized representatives and specifically stating the same to be an amendment of this Agreement. The modifications / changes shall be effective from the date on which they are made / executed unless otherwise agreed to.

17. **Assignments :** The rights or/and liabilities arising to any party under this agreement shall not be assigned except with the written consent of all the other party and subject to such terms and conditions as may be agreed upon between the involved parties.

18. **Notices and Jurisdiction:** All notices and other communications required to be served on a party including for violation of the terms of this Agreement shall be considered to be duly served if the same shall have been delivered by hand or posted by registered mail to the key personal of the respective party at its address mentioned above.

19. **Non Competition:** Parties agree not to compete with the other party by using any of the other party's intellectual property and/or confidential information, whether the Agreement exists or not.

20. **No Joint Venture:** Nothing contained in this Agreement will be construed as creating a joint venture, agency, partnership or employment relationship between the parties hereto, nor will either party have the right, power or authority to create any obligation or duty, express or implied, on behalf of any other party/ies.
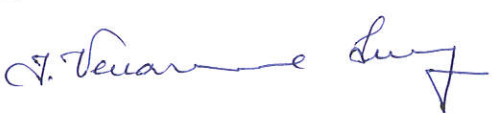
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21. **Arbitration:** In the event of any dispute or difference between the Parties hereto upon or in relation to or in connection with this Agreement, such dispute or difference shall be resolved amicably by mutual consultation. If such resolution is not possible, then, the unresolved dispute or difference shall be referred to arbitration. The Arbitration and Conciliation Act, 1996 (No. 26 of 1996) shall be applicable to the arbitration under this clause.

22. **Governing Law:** This Agreement shall be governed and interpreted in accordance with the laws of India.

23. **Jurisdiction:** The parties submit all their disputes arising out of or in connection with this Agreement to the exclusive jurisdiction of the Courts of Mysuru.

24. **Publication:** KLE Tech will be permitted to list e-Sutra as the software provider in it's promotional materials including website. e-Sutra will be permitted to list KLE Tech as a customer in it's promotional materials including website. No public announcement of the contents of this Agreement and the outcomes various activities under this Agreement shall be made by any of the Parties, except with the prior written approval of the other Party unless such Party is required to make a disclosure by statutory requirement of law. If required to be made, the text of the public announcement shall be mutually agreed between the Parties. The Parties agree to act towards each other with the utmost good faith. Any publication in journals, presentation in seminars in respect of the outcome of activities under this Agreement is prohibited until such publication/presentation is first reviewed by both the parties.

25. Neither party shall, without the prior written consent of a duly authorized officer of the other party, directly or indirectly solicit, hire or otherwise retain as an employee or independent contractor any current or former employee, consultant, contractor or subcontractor of the other party, its Affiliates or subcontractors, during the Term and for a period of twenty four (24) months thereafter (or t twenty four (24) months after the other partys relationship with any such employee, consultant, contractor or subcontractor is terminated if prior to termination of the Agreement).

26. **Indemnification:** The Parties agrees to indemnify and hold harmless each other, its directors, officers, employees, and agents, successors, and assigns, from all damages, costs, expenses and liabilities, including reasonable legal costs and disbursements, sustained and arising in connection with the breach of performance of the respective obligations and duties of the Parties under this Agreement.

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IN WITNESS WHEREOF the parties hereto through its duly authorised representatives have signed this Agreement on the day, month and year mentioned hereinbefore.

For and on behalf of KLE technological University, Hubballi	For and on behalf of M/s e-Sutra Chronicles Private Limited, Bangalore
Name: Prof. B.L. Desai	Name: Sudhindra Mokhasi
Designation: Registrar	Designation: Founder and CEO
Signature with Seal: REGISTRAR KLE Technological University HUBBALLI-580 031.	Signature with Seal: For e-Sutra Chronicles Pvt. Ltd. For e-Sutra Chronicles Pvt. Ltd. For e-Sutra Chronicles Pvt. Ltd. Authorised Signatory
Witnesses 1	Witnesses 2
Name: Prof. T. Veeramahanteth Swamy	Name: Aparna Mokhasi
Address: First Year Coordinator KLE Tech	Address: e-Sutra Regd office
Signature T. Veera---e Swamy	Signature Aparna

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Annexure 1

1) Institute Administration	Autonomous
a) Setup Institution	Yes
b) Setup Streams	Yes
c) Setup Degrees	Yes
d) Setup Courses	Yes
e) Setup Departments	Yes
f) Setup Designations	Yes
h) Setup Academic years	Yes
i) Setup Calendar of Events	Yes
2) Admission module	**Autonomous**
a) Workflow based Admission modules	Yes
b) Setup intake limit for each stream	Yes
c) Setup Quota	Yes
d) Setup Category	Yes
e) Students admission processing module – to cater to the batch admissions as conducted as done by KLE Tech in their premises today	Yes
f) Student admission based on Quota/Category	Yes
g) Documents module (ability to store admission related documents against the particular student in soft copy format)	Yes
h) Admission reports	Yes
3) Fee module	**Autonomous**
a) Setup fees configuration module	Yes
b) Setup fees heads	Yes
c) Fees collection	Yes
d) Receipts generation	Yes
e) Dues management	Yes
f) Fees refund	Yes
gIntegration to any one online payment gateway	Yes
h) Fee pay adjustment	Yes
i) Fee reports	Yes

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4) Academic module	Autonomous
a) Subject management based on credits	Yes
b) Subject allotment to programs	Yes
c) Students subject registration	Yes
d) Students subject drop, withdraw	Yes
e) Proctor/HOD approval of subject registration	Yes
f) Section creation	Yes
g) Students allotment for sections	Yes
h) Practical batch creations and students allotment	Yes
i) Timetable input to system	Yes
j) Attendance management	Yes
k) Internal Assessment management	Yes
l) Finalization of Attendance and Internal Assessment	Yes
m) Options for supplementary scheme	Yes
n) Progress reports	Yes
5) Student feedback on faculty and course module	Autonomous
a) Feedback Question bank setting with weight age	Yes
b) Preparation of feedback questions	Yes
c) Scheduling feedback	Yes
d) Student access to feedback questions through student login page	Yes
e) Answering the feedback questions by students	Yes
f) Generating feedback reports	Yes
6) Proctorship / Student Counseling module	
a) Capture Counseling Notes	Yes
b) Set up Follow up dates for Counseling	
c) Sharing of selective Counseling notes with parents on portal	
d) Review of complete student exam history	
e) Set up Mentors and Mentees	
f) Review of Mentors and Mentee assigned	
7) Examination module	Autonomous

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System supports two main exams, and as many make-up, mid-term, supplementary, summer examinations as required	Yes
a) Subject wise student lists	Yes
b) Hall ticket generation	Yes
c) OBE parameters assignment to Question paper patterns	Yes
8) Valuation module - Conventional OR Digital valuation	**Autonomous**
a) Coding of scripts	
b) Decoding of scripts	Yes
c) Answer script packet slips	Yes
d) Barcode label generation	Yes
e) Valuators creation	Yes
f) Script issue and receive management	Yes
g) Online marks entry by Valuators	Yes
h) Marks entry options for every question with subdivisions	Yes
i) Multiple level valuation options	Yes
j) Facility to upload digitised /scanned answer scripts	Yes
k) Digital valuation on screen	Yes
l) Facility to upload valuation scheme	Yes
9) Result processing and announcement module	**Autonomous**
m) Setup rules for result processing	Yes
n) Result processing as per the norms	Yes
n) Malpractice management	Yes
o) Revaluation management	Yes
p) Grading	Yes
q) Marks card printing	Yes
r) Final Certificate printing	Yes
s) Announcing the result through Internet	Yes
t) Announcing the result through SMS	Yes
10) Overall on Student Record Master:	**Autonomous**
a) Provisional Grade Card	Yes
b) Final Grade card	Yes

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c) Provisional and final Degree Certificate	Yes
d) Student Transcript	Yes
e) Reports: University, Exam Result & Analysis, Promotion, 4 Fails overall, 5 Fails in a course, Gold medalist list, Convocation list.	Yes
11) SMS module	**Autonomous**
Sending SMS for IA, attendance and custom activities	Yes
Uploads and Synchronization of Data	**Autonomous**
a) Synchronization of Data to Exams from Academic Execution or Student information and vice-versa	Yes
b) Synchronization of Data from Exams to Academics or Student information	Yes
12) Data Backup Module	**Autonomous**
a) Provision for Daily Backup	Yes
b) Provision to Store Backup of Data on a weekly Basis	Yes
13) Question paper Module	**Autonomous**
a) Uploadfully prepared Question paper pdf and assign OBE parameters	Yes
b) Choose and apply question paper pattern to live exam	Yes
c) Question paper analytics of Blooms and CO coverage	Yes
d) PDF / Print option of uploaded question paper	Yes
16) Role based Dashboards	
i) Students	**Autonomous**
a) Profile view	Yes
b) Choice Based Course registration	Yes
c) Course Drop and Withdrawal	Yes
d) Performance & Progress report (attendance & CIE)	Yes
e) Calendar of Events	Yes
f) Timetable	Yes
ii) Parents	**Autonomous**
a) Same as students. No separate login credentials between students and their parents. Parents use students USN to login.	Yes
iii) Teaching Staff	**Autonomous**
a) Take / view / Edit Attendance	Yes
b) Add / delete classes	Yes

c) Take / view / Edit CIE	Yes
d) Freeze attendance and marks by course	Yes
e) View feedback by course	Yes
f) Profile: Enter / Edit / Print	Yes
iv) HoD	**Autonomous**
a) View attendance entry lag by section for department	Yes
b) Approve eligibility by section	Yes
c) Department attendance & CIE MIS	Yes
d) Take / view / Edit Attendance	Yes
e) Add / delete classes	Yes
g) Take / view / Edit CIE	Yes
h) Freeze attendance and marks by course	Yes
i) View section-wise student feedback for department	Yes
j) View rolling timetable	Yes
vi) Chief Proctor / Dean	**Autonomous**
a) View & approve eligibility for all departments by semester	Yes
b) View attendance entry lag by section for the college	Yes
c) College time table, attendance & CIE MIS	Yes
d) View proctoring details for students	Yes
e) Review counseling notes	Yes
f) View student exam history	Yes
vii) Proctors	**Autonomous**
a) Assign students to proctors	Yes
b) Review counseling notes	Yes
c) View student exam history	Yes
viii) Controller of Examinations	**Autonomous**
a) Generate Hall Tickets	Yes
b) Review and Select QP based on OBE	Yes
c) Assign and Manage Evaluators and Moderators	Yes
d) Track and Monitor Evaluation Progress in real time	Yes

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	e) Review Student performance and grades during evaluation process	Yes
	f) Review, finalize and publish results	Yes
	g)Print and issue GC, PDC, Transcript, Analyse Results	Yes
	h)Graduation ceremony, convocation list, gold medal list	Yes
17) Placement module		
	Add recruiters along with eligibility criteria	
	Generate reports of students who are eligible for a particular placement	
17) OBE Module		
	As per the OBE strategy of KLE Tech	

Annexure-2

HARDWARE REQUIREMENT FOR IMPLEMENTATION

1. For Academic Execution Sub-System

    a. Server - 1 no - Intel 18 cores Xeon, 64 GB RAM, 1 TB HDD, RAID 5 or 6, Dual enternet ports

    b. 5 TB NAS - 1 no

2. For Examination Sub-System

    a. Server for exam software- 1 no - Intel 18 cores Xeon, 48 GB RAM, 1 TB HDD, RAID 5 or 6, Dual enternet ports

    b. Server for storing / serving digitised valuation scripts - 1 No - Intel 18 cores Xeon, 64 GB RAM, 5 TB HDD, RAID 5 or 6, Dual ethernet ports

    c. 5 TB NAS - 2 nos

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Annexure 3

All data shall to be input into the system by KLE Tech. The timelines for entry of particular data is strictly as per KLE Tech academic calendar. Some examples of key deadlines are as below

Sl No	Main Module	Items	KLE Tech responsibility	Activity deadline IMPORTANT NOTE: Timelines indicated are typical, and will be as per the rule book of KLE Tech
1	Setup	Holiday List	Department co-ordinators	Last week of November every year
		List of Stream	Department co-ordinators	30 days before the start of the term as per the academic calendar
		List of Departments	Department co-ordinators	30 days before the start of the term as per the academic calendar
		List of Programs	Department co-ordinators	30 days before the start of the term as per the academic calendar
		List of Sections & Semesters	Department co-ordinators	30 days before the start of the term as per the academic calendar
		Calendar of Events	Department co-ordinators	30 days before the start of the term as per the academic calendar
		Create Staff	Department co-ordinators	30 days before the start of the term as per the academic calendar or within 2 days of the staff joining the college
		Add course	Department co-ordinators	28 days before the start of the term as per the academic calendar
		Assign Course	Department co-ordinators	28 days before the start of the term as per the academic calendar
		Student Master Data	Department co-ordinators	30 days before the start of the term as per the academic calendar
		Faculty Master Data	Department co-ordinators	30 days before the start of the term as per the academic calendar
		Promote Students	Department co-ordinators	7 days before the start of the term as per the academic calendar
		Demote students (for makeup / reval students)	Department co-ordinators	Within 2 days of the makeup / revaluation results being announced
		Define number of batches required per division	Department co-ordinators	28 days before the start of the term as per the academic calendar
		Assign students to Divisions	Department co-ordinators	Within 1 day of the student having completed registration
		Assign students to Lab Batches	Department co-ordinators	Within 1 day of the student having completed registration
		Assign lecturers to courses in a division	Department co-ordinators	7 days before the start of the term as per the academic calendar

		Change of branch students	Department co-ordinators	Within 1 day of the student's branch change confirmation
		Setup Timetable	Department co-ordinators	7 days before the start of the term as per the academic calendar
		Update USN	Department co-ordinators	Within 1 day of receipt of a student's new USN
		Students course Registration	Students	Before Minor 1
2	Attendance – based on rolling calendar			
		Take Attendance	Teaching staff	In-Process
		Edit Attendance	Teaching staff	In-Process
		Freeze attendance eligibility	Teaching staff	15 days before the end of the term as per the academic calendar
		Download attendance reports	Teaching staff	In-Process
3	CIE			
		Enter CIE	Teaching staff	In-Process
		Edit CIE	Teaching staff	In-Process
		Freeze CIE eligibility	Teaching staff	15 days before the end of the term as per the academic calendar
		Download CIE reports	Teaching staff	In-Process
4	Eligibility			
		Finalization by each section in a semester	HoD	15 days before the end of the term as per the academic calendar
		Finalization for each semester	Chief Proctor / Dean	15 days before the end of the term as per the academic calendar
5	Feedback – summative and formative			
		Setup feedback - configurable questions with weight age for each answer	Feedback co-ordinator	7 days before the start of the feedback as per the academic calendar
		Give feedback	Students	In-Process
		View feedback	Lecturers	In-Process
		Review scores by section	HoD	In-Process
		View & download results by department	Feedback co-ordinator	In-Process
6	Proctorship			

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		Assign / de-assign / re-assign students to proctors	Admin assistant of the Chief Proctor / Dean	In-Process
		Record counseling notes	Proctor	In-Process
7	Reports			
		Attendance	Department co-ordinators	In-Process
		CIE	Department co-ordinators	In-Process
		CIE analysis	Department co-ordinators	In-Process
		Course wise registration list	Department co-ordinators	In-Process
		Semester wise student – course Registration list	Department co-ordinators	In-Process
		Semester wise eligibility, withdraw & non-eligibility list	Department co-ordinators	In-Process
		Parent letters	Department co-ordinators	In-Process
		Address labels	Department co-ordinators	In-Process
8	Admissions			
		Create / Manage student profile	Admissions Staff	In-Process
		Admit / De-activate student	Admissions Staff	Within 1 day of the admission cancellation order being received by the college
		Generate temporary ID card with photo	Admissions Staff	Immediately post Admit
9	Fees	Create Fee Template	Accounts Staff	Within 10 days before admission
		List of Heads for Fees	Accounts Staff	Within 10 days before admission
10	OBE Attributes			
		Vision, PEO	Management Coordinators	
		Curriculum	Academic Coordinators	Before start of Academic term
		CIE	Academic Coordinators	Before start of CIE Assessment

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