	M.A.M. SCHOOL OF ENGINEERING	
	Accredited by NAAC Approved by AICTE, New Delhi; Affiliated to Anna University, Chennai	
	Siruganur, Trichy -621 105.	www.mamse.in



CRITERION 6

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.2.3 Implementation of e-governance in areas and operation

ERP Documents



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6.2.3 Implementation of e-governance in areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

C 2) Provide ERP Document

S.No.	Description	Page No.
1	ERP Document	3 - 21

Principal

PRINCIPAL
M.A.M. SCHOOL OF ENGINEERING
SIRIGANUR, TIRUCHIRAPPALLI-621 105



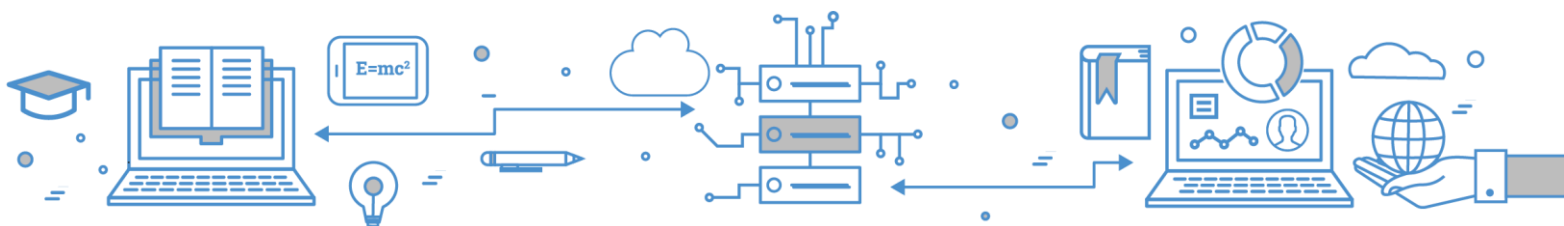
vmedulife® Software Proposal

Proposal Number: vmedulife/2020-21/2809

Index:

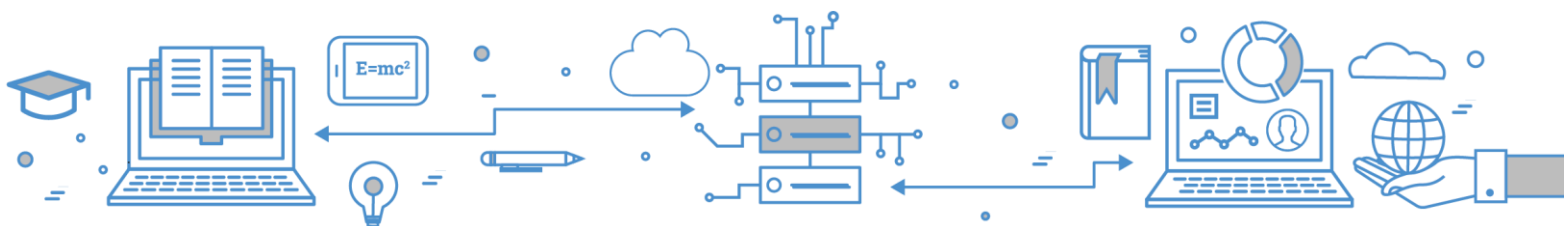
General Terms	2
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vmedulife Platform Implementation	13
Payment Terms	14
Savings to Organization	15
Training and Support Details	16
Signatories	17

This Agreement between vmedulife Pvt. Ltd., S.No.228, Office 404, Sanskriti Arcade, Opposite to PCMC School, Wakad, Pune, and M.A.M. School of Engineering concerning providing and carrying out the implementation of a web-based integrated, comprehensive education and management software for automation of the identified processes for M.A.M. School of Engineering.



vmedulife[®] will

- a. Provide a common platform to meet the unique and varying needs of faculty, management, students, and parents of multi centre organizations on a single platform at any location through a pc and a mobile application.
- b. Provide data security with multiple level checks and user authentication - data security, encryption of required information, HTTPS, URL encryption.
- c. Provide built in disaster recovery through daily automated backups and ability to upload backups on the cloud so that there are zero data loss requirements in software, enabling 100% data security.
- d. Provide constant upgrades
- e. Provide initial training to all the faculty members. Subsequently support will be online through internet throughout the academic year.
- f. Provide hosting for all applications & data hosted on company servers.
- g. Will make changes suggested by M.A.M. School of Engineering and accepted by vmedulife in minimum 4 weeks from date of acceptance.
- h. Regarding, SMS integration with institute service provider, we request you for providing the API documentation to enable the integration.
- i. Institute will be able to download the information from vmedulife[®] Software regarding various modules as on when required from their login credentials.
- j. Institute data will be maintained confidential. Company will never use the institute web and app for demonstration purpose.
- k. Company will be responsible for all the licensing issues of vmedulife[®] Software.
- l. Online Live Classes will be conducted through Google Meet Platform. All terms and conditions will be as per standard functionalities provided by Google.

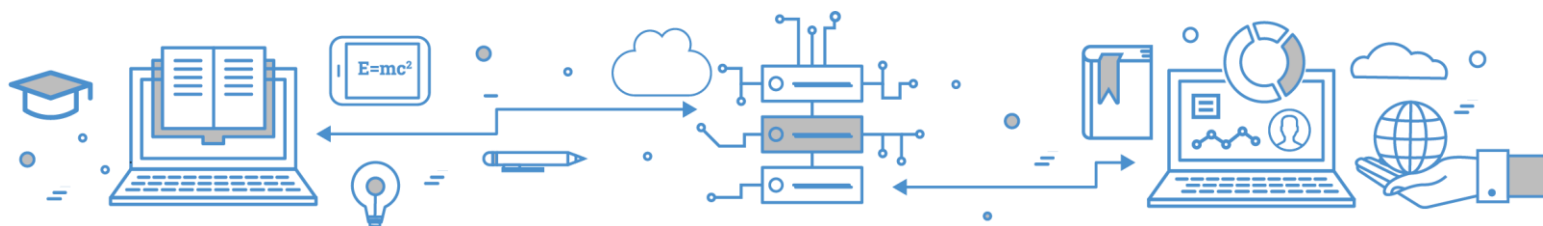




2. Modules to be provided by vmedulife® for Integrated Outcome Based Education, Teaching Learning and ERP Software:

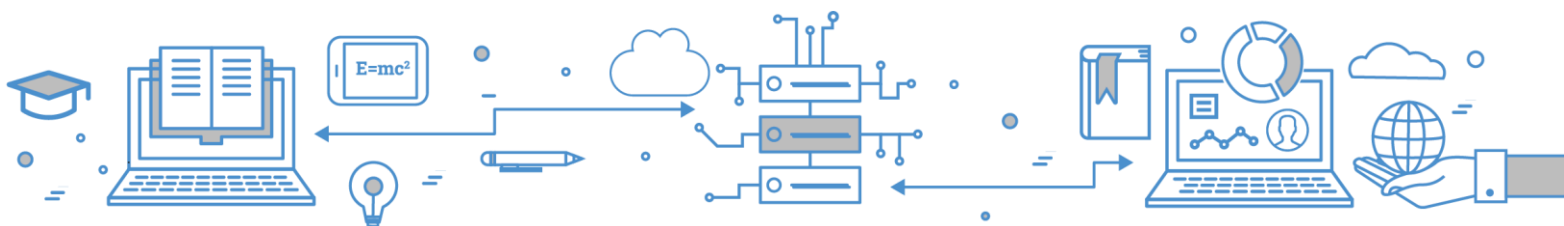
The identified modules to be implemented in along with their detailed features in scope are mentioned as below:

vmedulife® Academic Module	Details in brief
Stakeholders Access and Login	<ul style="list-style-type: none"> ➤ Management ➤ Director ➤ Principal ➤ HOD's ➤ Faculty- Teaching and Non-teaching ➤ Students ➤ Alumni ➤ Employer ➤ Parents
Outcome	<ul style="list-style-type: none"> ➤ Outcome Parameters: <ul style="list-style-type: none"> • Program Outcome (PO) • Program Specific Outcome (PSO) • Competencies Level (CL) • Performance Indicators (PI)
Academic Planning-Admin Dashboard	<ul style="list-style-type: none"> ➤ Course Management ➤ Syllabus Management ➤ Timetable Integrations
Academic Planning – Course Dashboard	<p>Course Dashboard</p> <ul style="list-style-type: none"> ➤ Units <ul style="list-style-type: none"> • Addition of Topics and Subtopics • Mapping of syllabus with CO's and UO's • Addition of Unit wise/ Topics wise Hours • Auto-generation of Teaching Plan



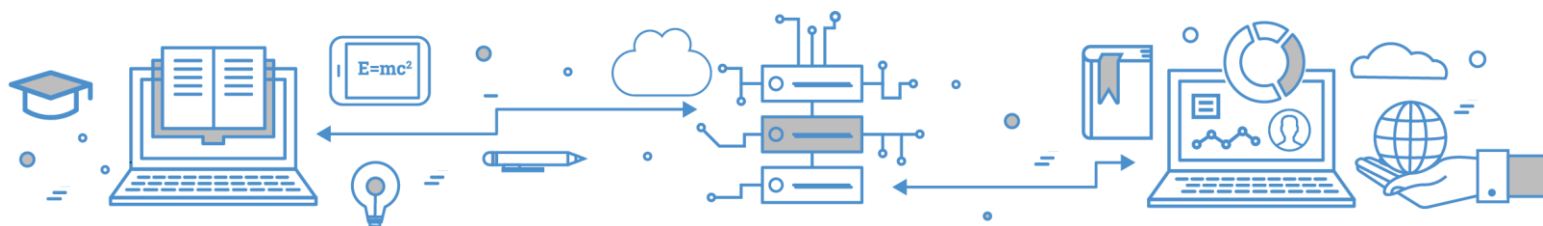


	<ul style="list-style-type: none"> ➤ Course Outcomes <ul style="list-style-type: none"> • Addition of CO's • Tagging of CO's with <ul style="list-style-type: none"> (a) PO's/PSO's (b) Cognitive Levels (c) Knowledge categories (d) Classroom Sessions ➤ Target Level Attainment of PO's and PSO's <ul style="list-style-type: none"> • CO-PO matrices of courses • Program level Course-PO matrix of all courses Including first year courses
<p>Academic Planning - Classroom Sessions</p>	<ul style="list-style-type: none"> ➤ Virtual Classroom <ul style="list-style-type: none"> • Online Live Classes with integrations • Auto Attendance • No manual link sharing • Enabled Security ➤ Teaching Plan <ul style="list-style-type: none"> • Proposed Teaching Plan • Actual Completion • Content Beyond Syllabus • Mapping of classroom sessions with CO's and UO's • Teaching Methodologies • Attendance of the students • Update Regular Sessions, Tutorials and Revision Sessions
<p>Online Examinations/ Online Assignments</p>	<ul style="list-style-type: none"> ➤ Features <ul style="list-style-type: none"> • Secure and seamless online exam • Configuration of Online Exams • Create Multiple Sets ➤ Question Types <ul style="list-style-type: none"> (a) Objective



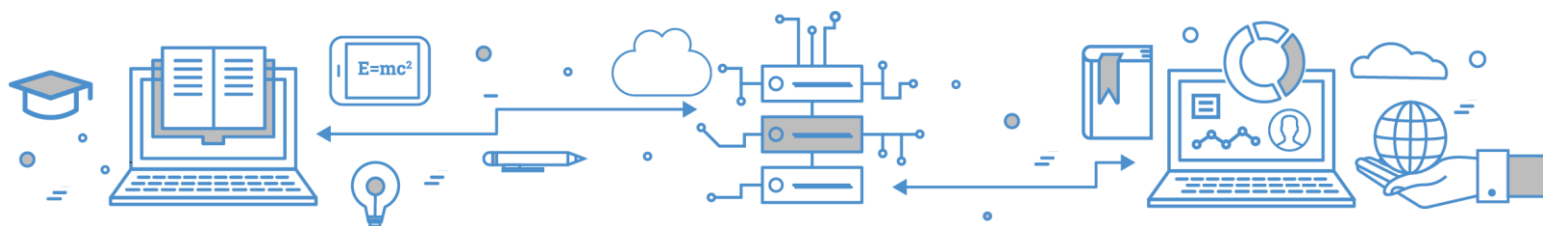


	<ul style="list-style-type: none"> (i) Single Choice (ii) Multiple Choice (iii) One Word (iv) True/ False (b) Descriptive <ul style="list-style-type: none"> (i) Short Answers (ii) Long Answers <p>➤ Quality of Question Paper</p> <ul style="list-style-type: none"> (a) Assigning of Bloom's Levels (b) Assigning of CO's, PO's and PSO's (c) Question wise analysis (d) Calculation of Outcome Attainment (CO, PO, PSO) (e) Involve Competencies and Performance Indicators <ul style="list-style-type: none"> • Automatic Grading • Take Exam anywhere and anytime • Real Time Analysis • Application of negative marking • Strict mode facility • Scalable
<p>Learning Management System (LMS)</p>	<p>➤ How It Works?</p> <ul style="list-style-type: none"> • Create Modules • Share within organization • Experience Creativity • Self-Analysis with Assessment • Perform in real time • Excel in the organization <p>➤ Instructor Dashboard</p> <ul style="list-style-type: none"> • Learners • Assign Role • Assign Course • Track Progress • Share Notifications with all





	<ul style="list-style-type: none"> ➤ Create Your Own Courses <ul style="list-style-type: none"> • PDF Documents • Word File • Text File • Images • Video • Presentations ➤ Unique Feature <ul style="list-style-type: none"> • Connecting Global Education Community • Learning Management System for the administration, documentation, tracking, reporting and delivery of educational courses or training programs • ICT supported learning • Innovations by the Faculty in Teaching and Learning • Relevance to PO's and PSO's • Self-Learning • Assesses the learning levels of the students, special programmes for Advanced learners and Slow learners • Create, Assign and Analyse the online courses • Facility for conducting Online Diploma Certification Courses
<p>Examinations</p>	<ul style="list-style-type: none"> ➤ Examination- Admin Dashboard <ul style="list-style-type: none"> • Exam Schedule ➤ Designing of Question Paper <ul style="list-style-type: none"> • Question Types <ul style="list-style-type: none"> i) Objective <ul style="list-style-type: none"> (1) Single Choice (2) Multiple Choice (3) One Word (4) True/ False ii) Descriptive <ul style="list-style-type: none"> (1) Short Answers (2) Long Answers



➤ **Quality of Question Paper**

- (a) Assign Bloom's Levels
- (b) Assign CO's, PO's and PSO's
- (c) Question wise analysis
- (d) Calculation of Outcome Attainment – CO, PO, PSO
- (e) Integrate Competencies and Performance Indicators

➤ **Reports Available**

- Question Paper
- Quality of question paper based on
 - (a) Linked CO's
 - (b) Linked Bloom's Levels
 - (c) Involved PI's

➤ **Evaluation and Analysis**

- Question wise Analysis
- Question wise CO Attainment
- Student wise CO Attainment
- Apply and customise Threshold values
- Import/ Export Student Marks
- Analysis based on total performance
- Total CO Attainment
- Assign weightage for In-semester and End Semester examinations

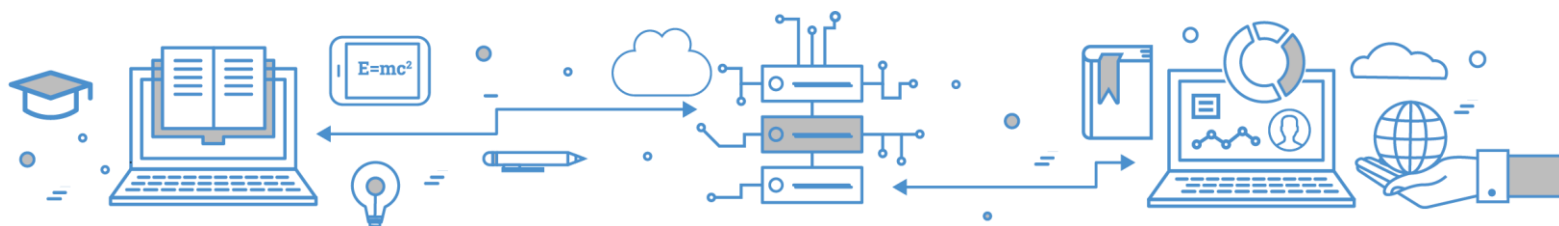
Online Feedback and Surveys

(NAAC/ NBA/ NIRF)

(Built in analysis, visualization, and response monitoring)

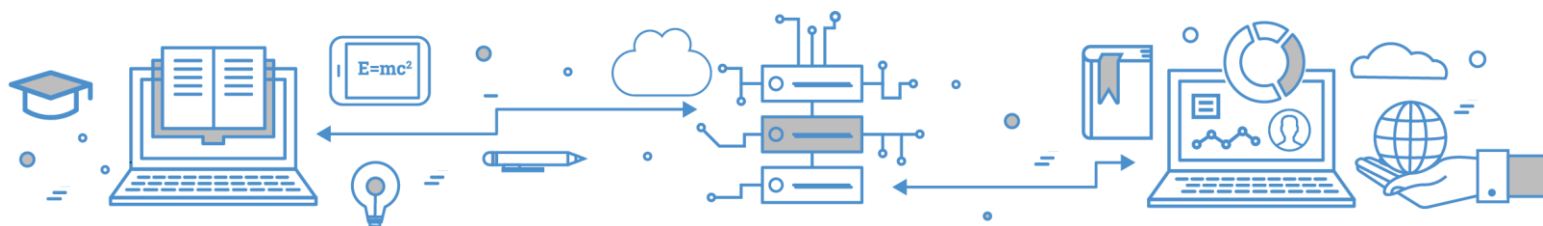
➤ **Multiple Users Access**

- Students
- Faculty
 - a. Teaching
 - b. Non-Teaching
- Alumni
- Parents
- Employer



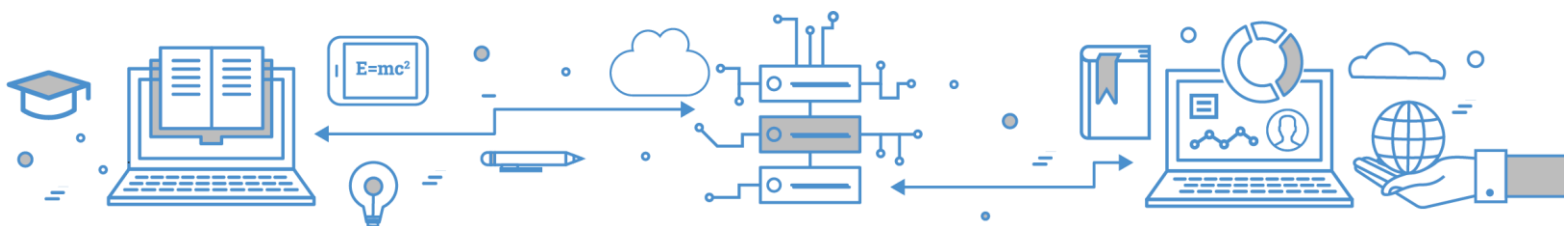


	<p>➤ Feedback Process</p> <ul style="list-style-type: none"> • Feedback Categories • Feedback Questionnaire • Link PO's and PSO's • Assign to various stakeholders • Auto Survey Response Analysis • Question wise Analysis • Graphical Presentation • Actions Taken • Gaps Identified • Indirect Attainment of PO's and PSO's
<p>OBE Aspects</p>	<p>➤ Curriculum Attainment:</p> <ul style="list-style-type: none"> • Effective curriculum delivery through a well-planned and documented process involving all the aspects • Defining Unit Outcomes, Course Outcomes, Gap analysis, Bloom's taxonomy <p>➤ Course Outcome and Program Outcome Attainment:</p> <ul style="list-style-type: none"> • Identify extent of compliance of university curriculum for attaining PO's & PSO's • Internal semester question paper setting, question wise analysis, evaluation, and its compliance • Question paper validation to ensure desired standard from outcome attainment perspective as well as learning levels perspective • Mapping of questions with the Course outcomes • Attainment of PO, PSO's, CO's • Surveys and feedback mapping <p>➤ Mapping of Competencies and Performance Indicators</p> <ul style="list-style-type: none"> • Defining Competency levels as per Examination reforms • Defining performance indicators for each competency level • Mapping of PI's with questions and analysis
<p>Rubrics</p>	<p>➤ Criteria / performance Indicator: The aspects of performance that will be assessed</p>



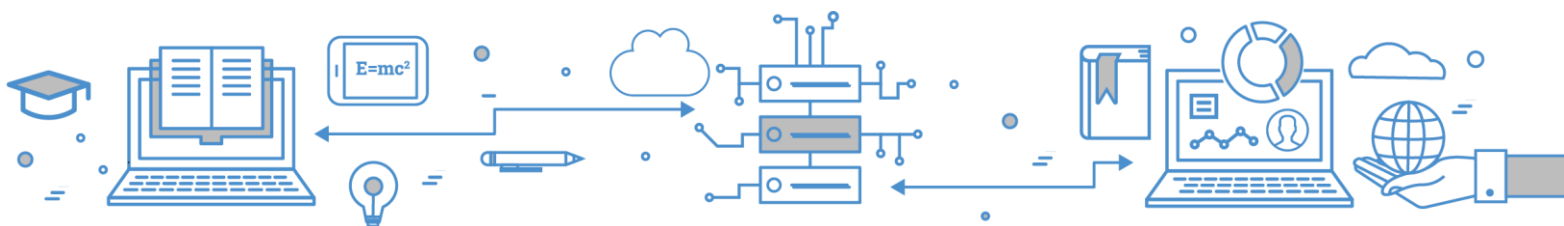


	<ul style="list-style-type: none"> ➤ Descriptors: Characteristics that are associated with each dimension ➤ Scale/level of performance: A rating scale that defines student’s level of mastery within each criterion ➤ Application of Rubrics <ul style="list-style-type: none"> • Course projects • Open-ended experiments in laboratories • Project-based learning modules • MOOCS • Co-Curricular experiences • Mini / Minor projects • Final year projects • Internship experiences • E-portfolios of student works
<p>IQAC Reports</p>	<ul style="list-style-type: none"> • Outcome Attainment • Academic Planning • Result Analysis • Online Examinations • Assignments • Mentoring
<p>Mentoring</p>	<ul style="list-style-type: none"> • Configure Rules • Configure Guideline • Add Questions • Manage Template • Details of the counselling • Records and Reports
<p>Faculty Profile and Contributions</p>	<ul style="list-style-type: none"> • Qualifications • Certification Program • Professional Experience • Core Competency Areas • Achievements / Awards • Publications • Seminars / Workshops / Conferences / Presentation / Poster Presentation

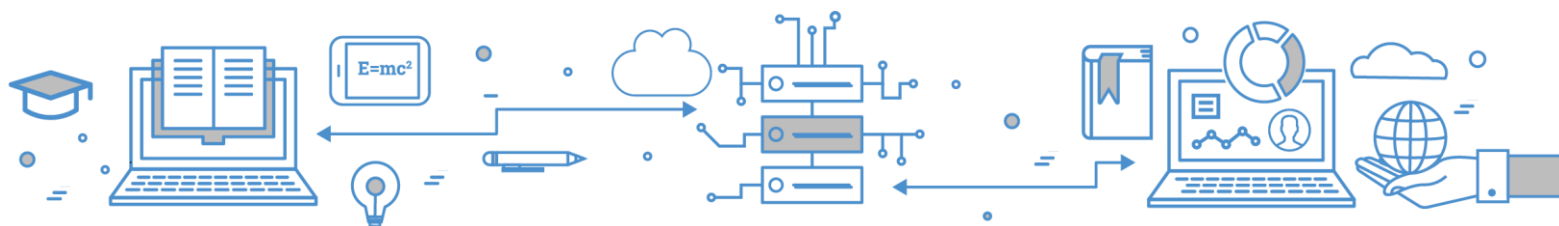




	<ul style="list-style-type: none"> • Books / Monographs Published • Patents Granted / Filed • Consultancy Provided • Professional Affiliations • Grants received • Extension Activities
Alumni Portal	<ul style="list-style-type: none"> • Instant and Targeted Communication • Manage Chapter, Batch & Special Interest Groups • Help alumni share opportunities & leverage the network • Build & Maintain an Updated Alumni Database • Plan & Organize Successful Reunions / Alumni Meets
Online Grievance Redressal System	<ul style="list-style-type: none"> • Cloud based platform using AWS cloud with SSD block storage • Capable to serve more than one million requests at a time • Banking level security • Instant Integration with website • vmedulife provide facility/portal to register complaints confidentially by *Students * Teaching Staff * Non-Teaching Staff * Parents * Employer * Alumni • A meticulously built user interface for both the complaint and the authority, complete with an elaborate admin panel. • Proper verification through email and OTP to ensure the authenticity of complaints. • Generating insights from the system in terms of the total complaints filed during a period, the resolved and pending numbers. • Option of sending replies and/or forwarding a complaint, archiving or closing it. • Provision of categorizing complaints and resolving them accordingly. • Option to download a complaint/report in Word and PDF formats for further reference.
Messaging	<ul style="list-style-type: none"> • Track notifications made on selection, admissions, examinations, events, placements, holidays, rescheduling of any of these etc • Send as online notifications/alerts, email or SMS



	<ul style="list-style-type: none"> Delivered messages as SMS, email, notifications, news, printed or in multiple modes
Student Portal	<ul style="list-style-type: none"> Student Details Parent / stakeholder like guardian details and access etc. Work Experience Other Details Extracurricular activities Notifications of extracurricular activities Services opted for Feedback Enrolment Participation Notifications
Committee Management	<ul style="list-style-type: none"> Committee Creation Provision to add Committee coordinator at the time of committee creation
Android Application	<ul style="list-style-type: none"> Android application which is lifeline for many of the organizations
Green Campus Certification	<ul style="list-style-type: none"> Green Campus Certification with registration id
Leave Management	<ul style="list-style-type: none"> Define your organization leave policy Leave tracking and complete leave accounting <ol style="list-style-type: none"> Grant leaves automatically Let employees and managers handle leave requests Access leave reports Holiday lists <ol style="list-style-type: none"> Create regional or location-based lists Add Restricted Holidays Publish company's holiday list
Fees Management System	Add New Fee Structure Setup Fee Structure Add New Students Collect fees Print Fee Receipts Class wise Report Department Report Institute Report Category wise Class Report Category wise Department Report Category wise Institute Report Pending Fees Report Manage Students Manage Institute Profile Day wise

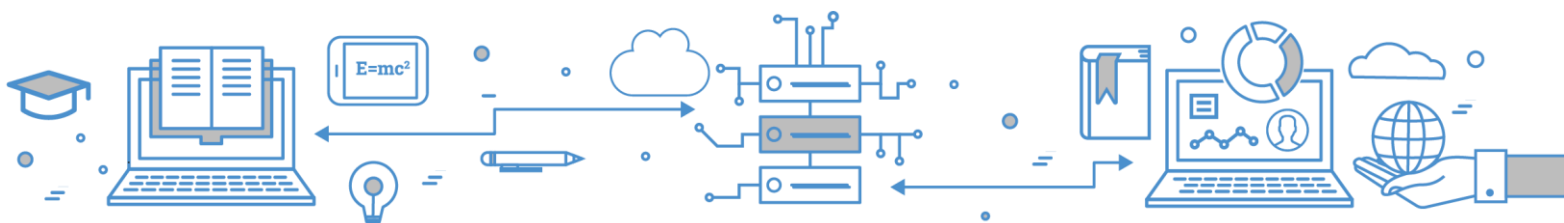




	Collection Daily User wise Collection Date wise Fee Receipts Refunded Fee Receipt Report Add Multi Faculty Account with limited Access Student Report Deduction Report Cumulative Report Department Cumulative Report Setup Institute Header Collection Settings SMS Notifications Live Fee Status In Students/ Principal/ President Mobile App
Library Management System	<ul style="list-style-type: none"> • Add Books Issue Book Return Book Book History Report • Accession Register Copy • Student History Report • Multiple Fields wise Book Search Clearance Books Volume Report • Lost Books Report Automatic Fine Calculation Search Books From • Online Library System BAR Code Based Library System
Training and Placement System	<ul style="list-style-type: none"> • Add Company Create Drive Set Criteria Create Schedule • Student Registration Report Eligible Student Report • Forward Selected Students to Next Round • Round wise Drive Result and Status; Approval from TPO Restrict Students Access • Manage Schedule Academic Year wise Placed Students Report • Comparative Report Graphical Report

3. Roles and Responsibilities of M.A.M. School of Engineering

- Extending all the support for satisfactory implementation of all the modules and allow using the existing facilities for the activities related to Institute only.
- Ensuring timely communication between Institute Coordinator and vmedulife® Executive for implementation
- Ensuring key personnel are available during Demonstrations & Training.





4. Conflict Resolution

In case of any conflicts, the concerned authorities of both vmedulife Team and M.A.M. School of Engineering must discuss and come up with a solution without affecting student's routine academics and ongoing activities through vmedulife. The parties to the Agreement shall settle any dispute arising regarding any aspect of this Agreement through mutual consultations and agreements

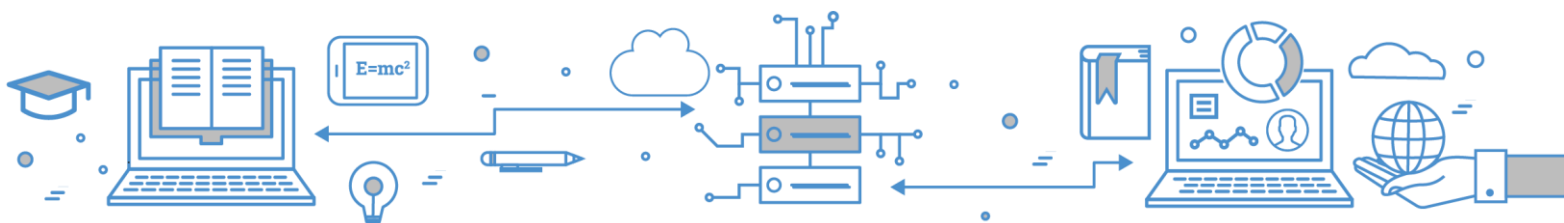
5. Period of Validity

This contract will be valid for academic year 2020-21. Both M.A.M. School of Engineering and vmedulife Pvt. Ltd. may terminate this arrangement by giving the other party a written notice of 30 days.

6. vmedulife Platform Implementation

- **Presales Activities**
Work Order and advance payment confirmation (70% of Total Amount and remaining within 1 month of implementation)

- **After sales Activities**
 - Details Required
 - Institute Name & Address
 - Principal/ Director Name, Mobile Number, Email Id
 - Program Titles
 - Head of the Department Name, Mobile Number, Email Id
 - Two to Five working days' time after receipt of above data for institute specific configuration and data processing from vmedulife[®]
 - After initial configuration from vmedulife Team, online training of vmedulife[®] executive will be arranged maximum within 3 to 10 working days with mutual date finalisation.





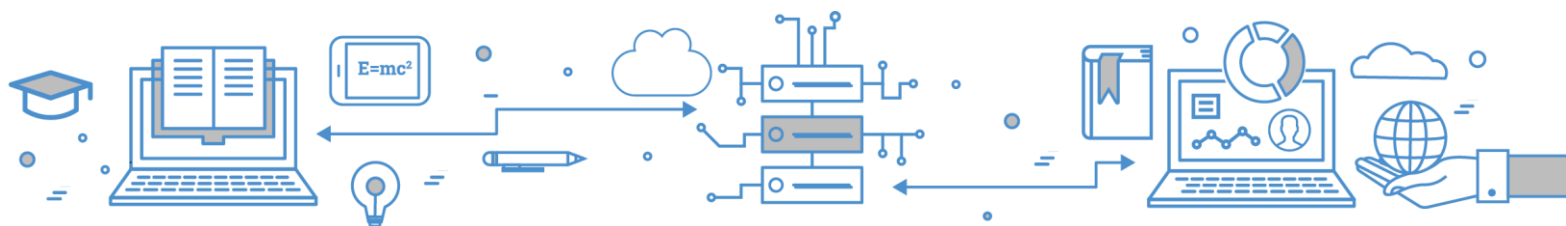
7. Payment Terms

- The per student price of INR 100/- inclusive of all taxes will remain constant for the THREE-years from the date of initiation of the contract after which increment in the price will be fixed by mutual consultation.
- Provided discount is considering current pandemic situations and company’s extended support towards society. Rates mentioned are inclusive of all taxes. Amount is subjected to actual number of students.
- Discount validity is applicable till 5th Oct 2020.

Pricing mentioned is inclusive of all Taxes.

Program and Academic Year	Actual Rate Per Student Per Year	Discount offered Per Student	Discounted Rate per student	Total Number of Students	Total Amount to be paid	Amount to be paid as advance
2020-21	INR 300/-	INR 200/-	INR 100/-	700	INR 70000/-	INR 49000/-

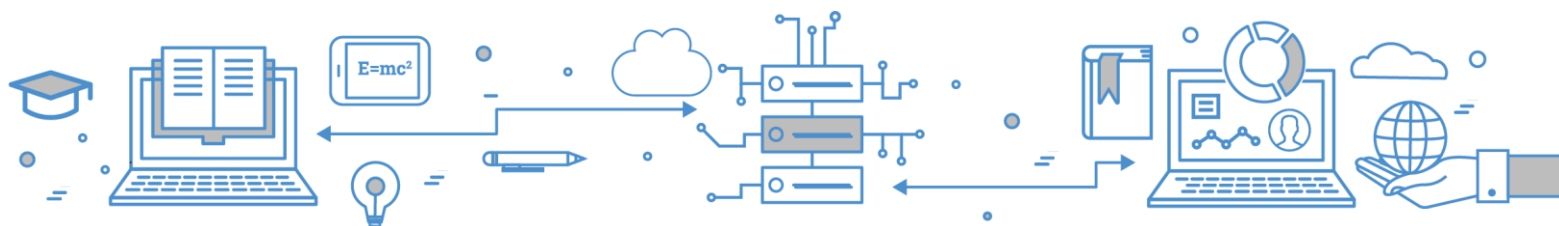
- Free SMS up to 2000 per year will be given by vmedulife. After free SMS, charges will applicable as 25 paisa /SMS. Regarding, SMS integration with institute service provider, we request you for providing the API documentation to enable the integration.
- In case where income tax is to be deducted at source, a Tax Deduction Certificate in the prescribed form should be issued to vmedulife within 30 days from the date of deduction.
- After proper training, it is sole responsibility of Institute to use the vmedulife software. We shall extend necessary service support, and this should not hamper payment terms.





Organizations saving money by implementation of vmedulife Software every year:

Particulars	Save Minimum Cost	Save Maximum Cost
Dedicated computers for installed server- e.g., In case of Installed ERPs, Moodle	40000/-	70000/-
ERP maintenance and involved parallel cost for various resources	150000/-	300000/-
Lack of advanced features of Accreditation, might be need of hiring consultant, faculty training	100000/-	200000/-
vmedulife is providing guarantee of saving around 150000 pages in one year through different mechanisms (500 pages costing for around INR 200/-)	30000/-	60000/-
vmedulife is integrated software, no need to invest on other modules like Integrated Library Management System, Online Grievance Redressal Portal, SMS Portals, Website integrations, Alumni Portal, etc.	50000/-	100000/-
Cloud Computing Services <ul style="list-style-type: none"> • Low cost and poor support service providers cost around 24000/- • Standard Portals Costing in \$ per hour, involved costing will be Around 1 to 1.5 Lakh per anum 	24000/-	150000/-
Minimum Expenses you can save for every year	394000/-	
Maximum Expenses you can save for every year		880000/-



Training Charges:

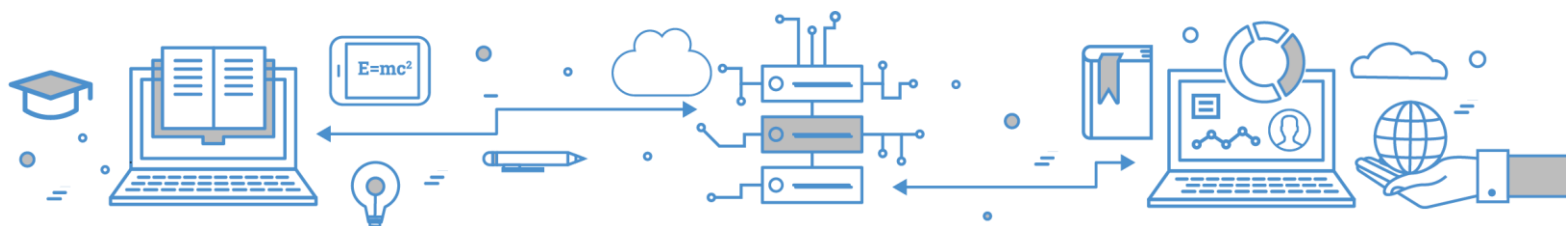
Packages	Duration		Cost	Validity
Onsite Training	8 Hrs (1 Day)		12000/- inclusive of taxes	30 days from the date of purchase order
Online Training	8 Hrs (1 Day)		3000/- inclusive of taxes	30 days from the date of purchase order
Online Live Training (Most Popular and Recommended)	20 Hrs (6+6+8)	3 Days	10000/- inclusive of taxes	One Year from the date of issuance of Purchase Order
	20 Hrs (2 Hrs Per day)	10 Days		
	20 Hrs (1.0 Hrs per day)	20 Days		
Any of the plan can be availed →				

*Travelling and living expenses shall be borne / reimbursed by Institution at actual, whenever travel is required by vmedulife team members to the location of the Institution.

Customer Support:

(Included in the pricing and company will not be charging anything extra for this)

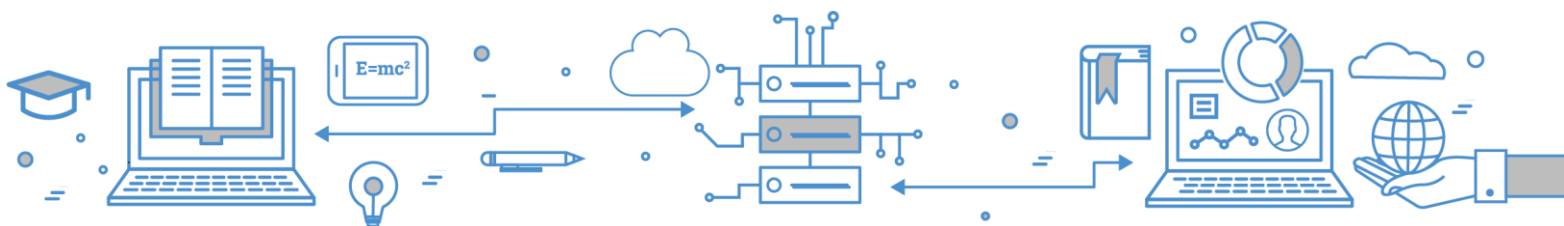
- Telephonic Support – Available from Monday to Saturday – 9.00 am to 6.00 pm
- E-mail Support – Available from Monday to Saturday – 9.00 am to 6.00 pm
- Remote Assistance- Available from Monday to Saturday – 9.00 am to 6.00 pm





This Letter of Agreement Approved and Accepted By:

On behalf of vmedulife Private Limited	On behalf of the M.A.M. School of Engineering
Date:	Date:
Name: Abhijeet Yeole	Name:
Signature:	Signature:
Title: Business Development Executive	Title:
Address: S.No.228, Office 404 Sanskriti Arcade, Opposite to PCMC School, Wakad, Pune	Address:
Phone: +91- 96239 64758	Phone:
E-mail: info@vmedulife.com	E-mail:



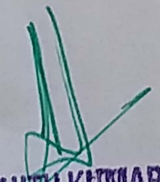
Arshiya Educational Health & Charitable Trust

Mamse Creditors

Group Summary

1-Apr-2020 to 31-Mar-2021

Particulars	Mamse Creditors Arshiya Educational Health & Charitable Trust 1-Apr-2020 to 31-Mar-2021	
	Closing Balance	
	Debit	Credit
Akademika Lab Solution		96000.00
Bagathsingh Computer Furniture		20720.00
Bharat Firz		29672.00
Bharath Diesel		48529.00
Caliber Virtual Technologies		19725.00
Cauvery College of Eng & Tech		110950.00
City Spares		9260.00
Deque Press - MAMPC		44660.25
DHANYA SHREE ENTERPRISES		14000.00
Elite Enterprises		50000.00
Everest Power Solution		
Indhhu Print	101000.00	
INFONET COMM ENTERPRISES PVT LTD- Mamse		45000.00
J.S.Publication	11997.70	
K.V.Publications		49430.00
Madura Papers		20485.00
MMR Traders		571359.60
N.V. Publications - MAMPC		30770.00
Perfect IT Solutions		97088.00
Rashmi Electricals		201586.00
Royal Quality Products		37500.00
Sree Shanmuga Paper		727584.00
Sri Balaji Printers		16817.00
Sri Krishna Publication		12000.00
SRI RAJESWARI ENTERPRISES		50191.00
Tejaswini Electronics Private Limited		30854.00
TMC Engineering Private Limited		105000.00
Trichy Advertising Agency		7157.00
TUV SUD SOUTH ASIA POLY		145483.00
VBK Computers		44915.00
VMedulife (Software)	35000.00	
V Win Note Books P Ltd		151434.00
West Wood Furniture Martt		173565.00
Win Media Systems		14000.00
Yashica Electro		74000.00
Grand Total	147997.70	3060134.85


Dr. P. RANJITH KUMAR, M.E., Ph.D.,
PRINCIPAL
 M.A.M. School of Engineering
 Siruganur, Trichy-621 105.

Chartered Accountant
S. FRANCIS, B.Com., F.C.A., DISA (ICAI),
FRANCIS & CO LLP
 Chartered Accountants, M. No: 203176
 Plot No: 22, Balaji Avenue
 5th Cross, Old Karur Road
 Melachinthamani, Trichy-620 002.

VM EDULIFE PRIVATE LIMITED

1st Floor, EFC Business Center, Rajiv Gandhi
International Infotech Park
Phase I, Hinjewadi, Pune
Maharashtra 411057 IN
+91- 9623964758
sales@vmedulife.com
www.vmedulife.com
GSTIN: 27AAECV5149A1ZH
PAN No. AAECV5149A
CIN: U74900PN2013PTC147943

Tax Invoice

vmedulife®

BILL TO

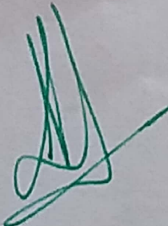
M.A.M. School of Engineering
Trichy Chennai Trunk Road, Siruganur
Tiruchirappalli, Tamil Nadu
621105 India
State Code: 33

PLACE OF SUPPLY
33 - Tamil Nadu

VOICE NO.	DATE	TOTAL DUE	DUE DATE	ENCLOSED
VM21079	01/12/2021	₹0.00	01/12/2021	

ACTIVITY	AMOUNT
Academic Management System and Outcome Based Education Software	
Due payment for academic year 2020-21 as per proposal number vmedulife/2020-21/2809	27,300.00
Third Installment was due in Feb 2021 and Fourth Installment was due in May 2021	
Due Amount is INR 27300/-	
Received Amount is INR 35000/-	

IGST @ 18% on 23135.59	4,164.41
TOTAL	27,300.00
PAYMENT	27,300.00
BALANCE DUE	₹0.00


Dr. P. RANJITH KUMAR
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