



2.5 Evaluation Process and Reforms

The Institute is affiliated to Anna University, Chennai. The IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester examinations) have brought in considerable improvement in the examination management system of the institution.

Response:

The Institution has continuously been carrying out reforms in its examination procedures through the integration of IT in all the procedures and processes of the examination system.

The reforms have also been implemented in the continuous internal assessment modes and components. Examination procedure (subject registration, attendance sheet generation, Hall ticket generation, internal marks entry both theory and practical and grade sheet printout) has been completely automated using In house IT software (Unified software). These reforms have had a positive impact on the examination procedures and processes and the examination management system.

Examination Procedures and IT Integration

S.No	Content	Description
1	Subject Registration	Course registration for each student in the Unified Portal following the credit limitation.
2	CAT Exam schedule	For all internal exams
3	CO set up	
4	Question Paper & Scrutinizing	
5	Hall plan	To allocate classroom for the CAT and End semester exam
6	Invigilation Duty	To assign internal faculty for CAT and End semester exam invigilation.
7	Squad Duty	To allocate Professors to act as a flying squad for the smooth conduct of CAT and End semester exam following the Exam code of conduct.
8	CAT & End Semester Attendance	For all internal exams for all years and branch wise in the Unified Portal
9	CAT answer scripts Auditing	Answer scripts audited by Subject experts

A. B. Hemanth





10	Internal marks entry	For CAT and assignment mark entry in the Unified Portal.
11	End semester exam scheduling	Preparation of time table for End semester examinations
12	End semester Question Paper	Both Internal & External members
13	End semester Question Paper Scrutinizing	To scrutinize the End semester Question Paper By Subject experts (Both Internal & External)
14	Exam Fees master	To provide fees particulars for subjects (theory, practical, integrated) in the Unified Portal.
15	To generate Hall tickets	Hall ticket for all the students generated based on Subject Registration in the Unified Portal.
16	Internal marks download for Result processing	To download internal marks for all theory, Lab Oriented theory exams and Practical Courses in the Unified Portal.
17	Credit Transfer Course	Students may be permitted to carry out credit value added courses with approval of the Department level committee and Dean –Academics in the Unified Portal
18	Valuation Procedure	The evaluation for Theory course is carried out by both the Internal and the External examiners (double valuation), Third valuation is also conducted
19	Result publication	Results are displayed in the Unified Portal.
20	Grade Sheet	Grade sheets generated in the Unified Portal and Printout is to be taken
21	Consolidated Grade sheet	Grade sheets generated in the Unified Portal and Printout is to be taken



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Scheduling of Internal Examination, preparing hall plans and seating arrangements, appointing hall invigilators and squad members for each examination are done well in advance.

1. SUBJECT REGISTRATION

Rajalakshmi
Institutions

Search...

Administration (1)

Attendance (2)

Hostel (1)

My Info (4)

Examination Result

myProfile

Subject Registration

UpComing Training/Placement
Event

Training (1)

UNIFIED | SUBJECT REGISTRATION

KARTHICK CHIDAMBARAM

SUBJECT REGISTRATION

Registered Subject List

Semester	Subject Code	Subject Name	Credits
5	EC19351	Basic Electronics Engineering	3
5	GE19521	Soft Skills - II	1
5	ME19501	Design of Machine Elements	3
5	ME19502	Heat and Mass Transfer	3
5	ME19541	Dynamics of Machines	4
5	ME19542	Metrology and Measurements	4
5	ME19511	CAD/CAM Lab	1
5	ME19512	Thermal Engineering Lab- II	1
5	OCS1903	Programming Using Python	3

undefined 1 All items per page NaN - NaN Of 9 items

EDIT

2. CAT EXAM SCHEDULE

Rajalakshmi
Institutions

Search...

Administration (70)

Assessment (50)

Asset Management (8)

Attendance (21)

Budget (3)

Event Details (8)

Help Documents (17)

Hostel (11)

HDMC (11)

UNIFIED | SCHEDULE EXAM EVENT

Ramya

SCHEDULE EXAM EVENT

Academic Year * Semester Type * Exam * Exam Type * Exam Category * Start Date * End Date *

Select. Select. Select. Select. Select. eg.dd/MM/yyyy eg.dd/MM/yyyy

Degree * Exam Title Session * Start Time * End Time *

Select. Select. Select. Select. Select.

Description

eg. Event Details

VIEW DETAILS

EXAM SCHEDULE LIST

Edit	Academic Year	Event Type	Event Category	Title	Start Date	End Date	Session	Start Time	End Time
	2022-23	CA TEST 2 / IV YEAR	Regular	2022-23/ODD/CA TEST 2 / IV YEAR/Regular/UG	13-10-2022	19-10-2022	FORENOON	08:10 AM	09:10 AM
	2022-23	CA TEST 2 / III YEAR	Regular	2022-23/ODD/CA TEST 2 / III YEAR/Regular/UG	13-10-2022	19-10-2022	FORENOON	08:10 AM	09:10 AM
	2022-23	CA TEST 2 / II YEAR	Regular	2022-23/ODD/CA TEST 2 / II Year/Regular/UG	13-10-2022	20-10-2022	FORENOON	08:10 AM	09:10 AM





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1	of 2	Find Next
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RAJALAKSHMI ENGINEERING COLLEGE
TIME TABLE FOR CA TEST 2 / II Year-13/10/2022 to 20/10/2022

Academic Year: 2022-23 Semester: ODD Events: Regular
Department: AERO Event Type: CA TEST 2 / II Year

Date:03/11/2022

TIME:08:10 AM to 09:10 AM

Aeronautical Engineering

B.E.-SECOND YEAR-SEMESTER III

Date	Day	Sub Code	Subject Name
13/10/2022	Thursday	MA19351	Transforms and Statistics
14/10/2022	Friday	AE19301	Fundamentals of Aerospace Engineering
15/10/2022	Saturday	MC19301	Essence of Indian Traditional Knowledge
17/10/2022	Monday	AE19341	Fluid Mechanics and Fluid Machinery
18/10/2022	Tuesday	AE19342	Solid Mechanics
19/10/2022	Wednesday	AE19302	Mechanics of Machines

Printed On:03/11/2022

Page No 1 of 2



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3. CO SET UP

UNIFIED | COSETUP

COsetup

Academic Year: --Select-- Semester Type: --Select-- Semester: --Select-- Exam Type: --Select-- Degree: --Select--

CO 1 CO 2 CO 3 CO 4 CO 5 Case Study Total

Save Clear

CO Setup List

Edit	Academic Year	Degree	Semester Type	Semester	Exam Type
	2022-23	UG	ODD	3	ASSIGNMENT I/II YEAR
	2022-23	UG	ODD	3	CA TEST 1 / II YEAR
	2022-23	UG	ODD	5	ASSIGNMENT I/III YEAR
	2022-23	UG	ODD	5	CA TEST I/III YEAR
	2022-23	UG	ODD	7	ASSIGNMENT 1 / IV YEAR
	2022-23	UG	ODD	7	CA TEST 1 / IV YEAR
	2021-22	PG	EVEN	2	CA TEST 1/1 Year
	2021-22	PG	EVEN	2	ASSIGNMENT 1 / 1 YEAR
	2021-22	PG	EVEN	2	CA TEST 3 / MBA

Students' attendance for the Examination is monitored. Internal Assessment is carried out within the stipulated time.

Three continuous internal assessments are conducted for each subject, after the completion of the internal examination, the respective faculty members evaluate the answer scripts and distribute the scripts to the students for doubt clarifications or re-correction. The faculty members then submit the re-corrected scripts to the examination cell. After the submission of the answer scripts, sample

papers from each bundle of the answer scripts are audited by subject experts both internal and external faculty members.

Result review meetings are conducted with result analysis and remedial measures for further improvement are arrived after discussion with the faculty members, the respective HoDs and the Principal. The assessment marks are then uploaded in the Unified portal and subsequently communicated to the parents.

Question papers for the End semester examinations in the prescribed pattern based on the Knowledge level using revised Bloom's taxonomy is done both by the external and the internal subject experts. Each department question papers are scrutinized by the respective HoD, Internal Subject expert and external subject experts. Each recommended question paper is then revised by the CoE office members.



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Office of the Controller of Examinations

4. QUESTION PAPER SCRUTINIZING



Rajalakshmi Engineering College (Autonomous) Thandalam-602105
Office of the Controller of Examinations
QUESTION PAPER ASSESSMENT FORM

Date: 03/06/22

Year: II

Subject Code: CH19401

Branch: Chemical Engg

Name of the Subject: chemical process industries

Name of the Assessor: N. T. Mayya

Designation: AP

Department: Chem

1. Any Grammatical corrections needed in the question paper

Yes

2. Repetition of Questions if any is available

3. Whether all the necessary data / figures to answer the questions (if applicable)

NA

4. Ambiguity in the answer provided in the key for any of the questions

• Give your comment

Answer Not provided for few Qs. in both set 1 & 2.

5. If there is no Analytical / Numerical questions, justify

Theory oriented paper.

6. Your overall rating about the question paper

QP Level	Tough	Moderate	Easy
Categories the questions among the three levels, in percentage	20%	30%	50%

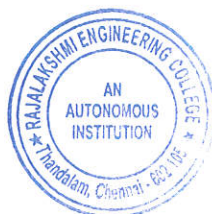
7. Any other comments:

AP is set for 20 Marks. Need to be 30 points. No 2 Marks available. Mark 100, 105 separately.

Declaration

I hereby declare that the above statements given by me is true to the best of my knowledge.

N. T. Mayya
Signature



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5. HALL PLAN



RAJALAKSHMI ENGINEERING COLLEGE (AUTONOMOUS)
HALL PLAN - III YEAR UG - CAT I - SEPTEMBER 2022
OFFICE OF THE CONTROLLER OF EXAMINATIONS

DATE: 12.09.2022 to 17.09.2022

S. No.	Dept	Hall No	Roll Numbers		No. of Students	Total
			From	To		
1	III AERO	C 202	2116200101001	2116200101033 (Except 30)	32	50
		D 311	2116200101034	2116200101048, 501-504, (Except 42)	18	
2	III AUTO	D 210	2116200201001	2116200201016, 501, 502, 503	19	20
		B 417	2116200201504		1	
3	III BME A	D 202	2116200301001	2116200301030 (Except 05, 20, 27)	27	43
		D 203	2116200301031	2116200301048 (Except 33, 41)	16	
4	III BME B	D 203	2116200301049	2116200301060 (Except 50)	11	44
		M/C I LAB	2116200301063	2116200301091 (Except 65, 82, 86, 90)	25	
		EPL ECE LAB	2116200301092	2116200301097, 501, 502	8	
5	III BT A	D 110	2116200401001	2116200401029	29	53
		D 111	2116200401030	2116200401053, 160 (Except 42)	24	
6	III BT B	D 111	2116200401054	2116200401059	6	50
		B 106	2116200401060	2116200401087, (Except 73, 82)	26	
		B 107	2116200401088	2116200401106, (Except 89)	18	
7	III BT C	B 107	2116200401108	2116200401116	9	49
		B 404	2116200401117	2116200401142 (Except 120, 128, 137)	23	
		D 310	2116200401143	2116200401159	17	
8	III CHEM	B 320	2116200501001	2116200501025	25	33
		B 401	2116200501026	2116200501034 (Except 30)	8	
9	III CIVIL	B 401	2116200601001	2116200601018	18	38
		B 415	2116200601019	2116200601032, 502-507, (Except 501)	20	

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9/9/22

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11/9



6. INVIGILATION DUTY



RAJALAKSHMI ENGINEERING COLLEGE (AUTONOMOUS), Thandalam-602 105
Office of the Controller of Examinations
II/III/IV YEAR UG - B.E/ B.TECH CAT -I - EXAMINATIONS Invigilation Duty List -SEPTEMBER- 2022
DEPARTMENT OF AERONAUTICAL ENGINEERING

Timings: X= 08.10 am to 10.10 am

Y= 08.10 am to 09.10 am

Z = 09.30 to 10.30 am

S.N	Dept	Name of the Faculty	Designation	Mobile Number	12.09 Mon	13.09 Tues	14.09 Wed	15.09 Thurs	16.09 Fri	17.09 Sat	20.09 Tue
1	AERO	Dr. Surendra Bogadi	AOP	8056276047	Y		X		X	Z	
2	AERO	Dr. K.K. Nithiyanantham	AP(SG)	9688285882	X	Z	X		X		
3	AERO	Dr. S. Aravind Seeni	AP(SG)	8220145909	Z	X		X		X	
4	AERO	Mr. D.L. Vasthadu Vasu Kannah	AP(SS)	9789885407	X		X	X	X		
5	AERO	Mr. J.P. Shebaz Ahmed	AP	9994681950	X	X		X	Z		X
6	AERO	Mr. T.P. Prem Anand	AP	9710560079	X		X	Z	X	X	
7	AERO	Mr. S. Pradesh	AP	7871109294	X	X		X	Z	X	

Signature
9/9/22

CONTROLLER OF EXAMINATIONS

7. SQUAD DUTY

RAJALAKSHMI ENGINEERING COLLEGE (AUTONOMOUS), Thandalam-602 105 Office of the Controller of Examinations II/III/IV YEAR UG - B.E/ B.TECH CAT -I - EXAMINATIONS- SQUAD Duty List - SEPTEMBER- 2022											
SLNo	Dept	Name of the Faculty	Designation	Mobile Number	12.09 Mon	13.09 Tues	14.09 Wed	15.09 Thurs	16.09 Fri	17.09 Sat	20.09 Tue
1	BME	Dr.M.C. Jobin Christ	Professor	9842666844							
2	BME	Dr. R. Premkumar	Professor	9600211821		S					
3	BT	Dr. R. Jayasree	Professor	9940622031			S				
4	BT	Dr. T.R. Sundaraman	Professor	9790090999				S			
5	BT	Dr. S. Thiruvengadam	Professor	9445489066					S		
6	Chemical	Dr. Vincent Joseph KL	Professor	9789508524						S	
7	CSE & CSD	Dr. B.V. Krishna	Professor	8667780934							S
8	CSE & CSD	Dr. Anantha Sivaprasadam	Professor	9865056125				S			
9	CSE & CSD	Dr. Srinivasan N	Professor	9884429520		S					
10	CSE & CSD	Dr. S. Vinod Kumar	Professor	7299951061			S				
11	CSE & CSD	Mr. S. Suresh Kumar	Professor	9941137810				S			
12	CSE & CSD	Dr. Priya Vijay	Professor	9840597634					S		
13	CSE & CSD	Dr. R. Sabitha	Professor	9940296917						S	
14	CSE & CSD	Dr. M. Rajkumar	Professor	9444492682	S						
15	CSE & CSD	Dr. R. Sivakami	Professor	9442464890		S					
16	ECE	Dr. L. Bhagyalakshmi	Professor	9841751064			S				
17	ECE	Dr. T. Manikandan	Professor	9444649483				S			
18	ECE	Dr. B. Priya	Professor	9840664437					S		
19	ECE	Dr. S. Chitra	Professor	9894956826						S	
20	ECE	Dr. V.S. Selvakumar	Professor	9943777708	S						
21	ECE	Dr. A. Asha	Professor	9486180841		S					
22	ECE	Dr. K. Senthil Kumar	Professor	9884732114			S				
23	ECE	Dr. S. Suganthi	Professor	99402 15018						S	
24	ECE	Dr. R. Gayathri	Professor	9626452152	S						
25	EEE	Dr. R. Kalavani	Professor	9884746914						S	
26	EEE	Dr. A. Selvaraj	Professor	8098984141							S
27	EEE	Dr. V. Geetha Priya	Professor	9841712508		S					
28	EEE	Dr. A. Alice Hepzibah	Professor	9841194026			S				
29	EEE	Dr. R. Essakiraj	Professor	9941202022	S						
30	EEE	Dr. P. Sivakumar	Professor	9443734105					S		
31	EEE	Dr. A. Nazir Ali	Professor	9843625854			S				
32	IT	Dr. P. Neelaveni	Professor	9566260135							
33	IT	Dr. A. Kalavani	Professor	7904977893		S					
34	IT	Dr. M. Babu	Professor	9444572458			S				
35	IT	Dr. S. Subbiah	Professor	9842526792				S			
36	MECH	Dr. Venkateshwaran N	Professor	9444325794					S		
37	MECH	Dr. R. Shanithi	Professor	9940243670	S						
38	MECH	Dr. S. Sekar	Professor	9445674833		S					
39	MECH	Dr. A. Rajkumar	Professor	9841486307			S				
40	MECH	Dr. P. Chithambaram Nathan	Professor	9443449810	S						
41	MECH	Dr. S. Chandapani	Professor	7305707390					S		
42	MCT	Dr. P. Chandramohan	Professor	97103 52005							
43	MBA	Dr. G. Sankaranarayanan	Professor	9841135570							S
44	MATHS	Dr. V. Lakshmi	Professor	9444676393							
45	MATHS	Dr. B. Sivakumar	Professor	9445246939							
46	PHYSICS	Dr. J. Venkateshthakumar	Professor	9444355322				S			
47	CHEMISTRY	Dr. V. Vasumathi	Professor	9840925755					S		
48	CHEMISTRY	Dr. S. Jayakumar	Professor	9443391431				S			

Signature
CONTROLLER OF EXAMINATIONS





8. CAT ATTENDANCE:

UNIFIED | UNIT TEST ATTENDANCE

UNIT TEST ATTENDANCE

Academic Year: 2022-23 Exam Type: CAT Exam Title: 2022-23/ODD/CA TEST 2 / III Year/Regular/UG Course: BE-MECH Semester: 3

Section: A Subject: BE19241-Basic Electrical Engineering Scheduled Exam Date: 14-10-2022 From Time: 08:10 AM To Time: 09:10 AM

Student List

Total Present: 56 Total Absent: 1 **All Present All Absent**

Roll Number	Name	Present / Absent
211101001	ABBAS MOHAMED	PRESENT ABSENT
211101002	ADITHYAN KRISHNA V S	PRESENT ABSENT
211101003	AJWAD S M	PRESENT ABSENT
211101004	AMARNATH S	PRESENT ABSENT
211101005	ANDREW RODDICK G	PRESENT ABSENT

UNIFIED |

RAJALAKSHMI ENGINEERING COLLEGE(AUTONOMOUS), THANDALAM
2022-23/ODD/CA TEST 2 / III YEAR/Regular/UG
ABSENTEES LIST - 13/10/2022

Academic Year: 2022-23 Course: BE-MECH Semester: 05 Event Name: 2022-23/ODD/CA TEST 2 / III YEAR/Regular/UG

From Date: 13-10-2022 To Date: 13-10-2022

S.No	Date	Year	Class	Section	Subject Name	Total Candidates	Absentees Roll Number	Absent Count
1	13/10/2022	III YR	BE-MECH	B	Design of Machine Elements	61	201101079,201101100	2
2	13/10/2022	III YR	BE-MECH	C	Design of Machine Elements	62	201101140	1
Total								3

YEAR	TOTAL STRENGTH (Subjectwise)	NO OF ABSENTEES	TOTAL NUMBER OF STUDENTS PRESENT
III YR		3	120
Total		3	120

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9. CAT ANSWER SCRIPTS AUDITING

RAJALAKSHMI ENGINEERING COLLEGE
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Affiliated to ANNA UNIVERSITY, Chennai

Assessment of Valuation Quality for CAT I / II / III

Year: ODD/EVEN 2022 / 23 Programme: UG / PG

Course Code: EC11501 Date of Auditing: 23-09-2022
Course Name: Digital Signal Processing Semester: 05 Department: ECE

Name & Designation of the Auditor: Mr. D. SHYAM / BEET / AP(SG)
Institution's details of Auditor: REC

Sl. No.	Branch / Sec	Reg. No.	Name of the Faculty who corrected	Are the marks awarded appropriately?	How can you rate the evaluator's persuasiveness			Is the totaling correct? (Yes / No)	Remarks/Suggestions/Comments
					Needs Improvement	Satisfactory	Good		
1	III ECE A	200801001	Dr. L. Bhagya Lakshmi	Yes			✓	Yes	Could have reduced striking in Mark column.
2	III ECE A	200801001	Dr. L. Bhagya Lakshmi	Yes			✓	Yes	No issues
3	III ECE A	200801045	Dr. L. Bhagya Lakshmi	Yes			✓	Yes	No issues
4	III ECE B	200801078	Dr. L. Bhagya Lakshmi	Yes			✓	Yes	No issues
5	III ECE B	200801114	Dr. L. Bhagya Lakshmi	Yes			✓	Yes	Striking of marks in front Page.
6	III ECE C	200801172	Mr. Radhama	Yes			✓	Yes	No issues
7	III ECE C	200801143	Mr. Radhama	Yes			✓	Yes	No issues
8	III ECE D	200801513	Mr. Gurusai	Yes			✓	Yes	No issues
9	III ECE D	200801240	Mr. Gurusai	Yes			✓	Yes	No issues
10									

* Minimum 2 samples per section / Faculty
Signature of the Auditor: *D. Shyam*

* Note: *Easily write the comments legibly and shortly
Signature of CoE (ACOE): *Prin*

10. Internal marks entry

RAJALAKSHMI INSTITUTIONS

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1 of 4

RAJALAKSHMI ENGINEERING COLLEGE (AUTONOMOUS)

Internal Examinations

Continuous Assessment Test-Mark Sheet

Branch: BE-MECH Learning

Semester: 3

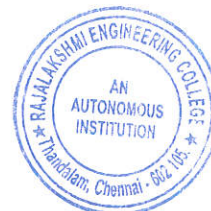
Exam: 2022-23/ODD/CA TEST 1 / II Year/Regular/UG

Subject: CS19411-Python Programming for Machine

Reg.No	Total Period	Att.Period	CA TEST 1 / II Year	Signature of the student
211101001	51	51	47	
211101002	51	46	32	
211101003	51	45	36	
211101004	51	37	12	
211101005	51	42	0	
211101006	51	47	35	
211101007	51	45	27	
211101008	51	47	44	
211101009	51	47	17	
211101010	51	42	33	
211101011	51	51	40	
211101012	51	50	46	
211101013	51	45	16	
211101014	51	35	25	
211101015	51	50	45	

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UNIFIED | LAB MARKS ENTRY

Rajalakshmi Institutions

Lab Marks Entry

Search

Administration (70)

Assessment (50)

Assessment Approvals (2)

Assessment Masters (6)

Assessment Master

COSetup

Create Question Bank

Lab Experiments Master

Question Template Creation

Type: Internal Regulation: R2019 Batch: 2020-2024 Course: BE-MECH Semester: 5

Subject: Thermal Engineering Lab-II Experiment Name: Thermal conductivity measurement using gua Section: LAT ExperimentDate: 03/07/2022

Student List

RollNumber	Name	TotalMark	Thermal Conductivity Measurement Using Guarded Plate
201101001	ABISH	10	
201101002	ABISHEKV	10	
201101003	AJITH KUMAR D	10	
201101004	AKASH R	10	
201101005	AKSHAYA KUMARS	10	
201101006	ANIRUDH ATHINDRAN	10	
201101007	ARAVINDAKRISHNAK	10	
201101008	ARAVINTH SAIS	10	
201101009	ARIVAAANR	10	
201101010	ARJITH V G	10	

11. END SEMESTER EXAM SCHEDULING



Rajalakshmi Engineering College (Autonomous), Thandalam-602 105
Office of the Controller of Examinations
2019- REGULATIONS
B.E./B.Tech End Semester Examinations - April-May- 2022
TIME: FN : 9.30 am to 12.30 pm AN : 01.30 pm to 04.30 pm

Semester	Sub code	Subject	Date	Session
B.E. Aeronautical Engineering [Revised]				
O3	MA19351	Transforms and Statistics	25.06.2022	AN
O3	AE19301	Fundamentals of Aerospace Engineering	27.06.2022	AN
O3	AE19302	Mechanics of Machines	29.06.2022	AN
O3	GE19301	Life Science for Engineers	30.06.2022	FN
O3	AE19341	Fluid Mechanics and Fluid Machinery	01.07.2022	AN
O3	AE19342	Solid Mechanics	06.07.2022	AN
O4	MA19451	Numerical Methods	28.06.2022	FN
O4	AE19401	Aerodynamics - I	02.07.2022	FN
O4	AE19402	Aircraft Performance	05.07.2022	FN
O4	AE19403	Advanced Strength of Materials	07.07.2022	FN
O4	AE19442	Aircraft Materials and Processes	08.07.2022	FN
O4	AE19441	Aero Engineering Thermodynamics	09.07.2022	FN
O5	AE19501	Aerodynamics - II	28.06.2022	AN
O5	AE19502	Propulsion - I	30.06.2022	AN
O5	AE19503	Aircraft Stability and Control	02.07.2022	AN
O5	AE19504	Aircraft Structures	05.07.2022	AN
O5	AE19541	Aircraft Systems and Instruments	07.07.2022	AN
O5	OME1902	Basics of 3D printing and Additive Manufacturing	09.07.2022	AN

S. N. Thompson

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12. End semester Question Paper

Question papers for the internal examinations are prepared in the prescribed pattern based on the Knowledge level using revised Bloom's taxonomy.

Reg. No.

Question Paper Code :

B.E. / B.Tech. DEGREE EXAMINATION,
April/May- 2022

<Second Semester>

MA19252-Differential Equations and Complex variables
(Common to CSE, ECE, IT, EEE, BME)
(Regulations - 2019)

Time: Three Hours

Maximum : 100 Marks

Answer ALL Questions

PART A

(10x2=20 Marks)

- CO1 1. Solve $(D^2 + 2D - 1)y = 0$. [A1]
CO1 2. Solve $z = (x + a)(y + b)$. [A2]
CO2 3. Find grad ϕ at $(1, 1, 1)$ if $\phi = 5xy - yz^2$. [A1]
CO2 4. State Green's theorem. [A1]
CO3 5. Prove that $f(z) = z^2$ is an analytic. [C1]
CO3 6. Find the invariant points of $w = \frac{1}{z-2i}$. [A1]
CO4 7. State Cauchy's integral formula. [A1]
CO4 8. Find the residue of $f(z) = \frac{1}{z^2(z-2)}$ at a simple pole. [A2]
CO5 9. Find $L(e^{-2t} + 5 \sin t)$. [A1]
CO5 10. State final value theorem. [A1]

PART B

(5x16=80 Marks)

- CO1 11.a. (i) Using the method of variation of parameters, solve $\frac{d^2y}{dx^2} + a^2y = \tan ax$. (8 marks) [B1]
(ii) Solve $(x+1)^2 \frac{d^2y}{dx^2} + (x+1) \frac{dy}{dx} + y = 2x$. (8 marks) [B1]
(OR)
b. (i) Solve $x^2(y-z)p + y^2(z-x)q = z^2(x-y)$. (8 marks) [B1]
(ii) Find the singular solution $z = px + qy + \sqrt{p^2 + q^2 + 1}$. (8 marks) [B1]
CO2 12. a. (i) Show that $\vec{F} = (y^2 + 2xz^2)\vec{i} + (2xy - z)\vec{j} + (2x^2 - y + 2z)\vec{k}$ is irrotational and Hence find its scalar potential. (8 marks) [B1]

- (ii) Find the work done when the force $\vec{F} = (x^2 - y^2 + z)\vec{i} - (2xy + yz)\vec{j}$ moves a particle from the origin to the point $(1, 1)$ along $y^2 = x$. (8 marks) [B1]

(OR)

- b. Verify Gauss divergence theorem for $\vec{F} = x^2\vec{i} + y^2\vec{j} + z^2\vec{k}$ where S is the surface of the cuboid formed by the planes $x = 0, x = a, y = 0, y = b, z = 0, z = c$. (16 marks) [B2]

CO3 13.a. (i) Determine the analytic function $f(z) = u + iv$ such that

(8 marks) [C1]

$$u = e^x(x \cos y + y \sin y)$$

- (ii) Find the image of the strip $1 < y < 2$ under the map $w = \frac{1}{z}$. (8 marks) [B1]

(OR)

- b. Find the bilinear transformation which maps the points $z = -1, 0, 1$ onto the points $w = 0, i, 3i$. Also find the image of the unit circle of the z -plane. (16 marks) [B2]

CO4 14.a. (i) Evaluate $\oint_C \frac{dz}{(z+1)^2(z-2)}$ where C is the circle $|z| = \frac{3}{2}$. (8 marks) [C1]

- (ii) Expand $f(z) = \frac{z}{(z+2)(z-1)}$ as Laurent's series valid in the region (i) $1 < |z| < 3$ (ii) $0 < |z-1| < 2$. (8 marks) [C2]

(OR)

- b. (i) Calculate the residue of $f(z) = \frac{e^{2z}}{(z-1)^2}$ at its poles. (4 marks) [C1]

- (ii) Evaluate $\int_{-\infty}^{\infty} \frac{e^{ix}}{(x^2+2)^2(x^2+3)^2}$ using contour integration. (12 marks) [C1]

CO5 15.a. (i) Find $L(e^{2t} \cosh 4t)$. (8 marks) [C1]

- (ii) Find the Laplace transform of the rectangular wave function given by

$$f(t) = \begin{cases} k & 0 < t < b \\ -k & b < t < 2b \end{cases} \text{ with } f(t+2b) = f(t).$$

(8 marks) [B1]

(OR)

- b. (i) Find $L^{-1} \left[\frac{x^2}{(x^2+2x+1)(x^2+3)^2} \right]$ convolution theorem. (8 marks) [C1]

- (ii) Solve $(D^2 + 5D + 6)y = e^{-2x}$ given that $y(0) = 0, y'(0) = 0$ using Laplace transforms. (8 marks) [C1]

13. End semester Question Paper Scrutinizing

Scrutiny of the prepared question paper is carried out by the HoD / Subject expert to ensure the quality of the Question paper.

Rajalakshmi Engineering College [Autonomous], Chennai.						Board : ODD / EVEN					
Date : 18/11/2020						Semester : ODD / EVEN					
Question Paper Scrutinizing for Final Examinations											
Seri	Sub Code	Question Paper Ref. No.	Remarks / Recommendation / Corrections		Whether Bloom's Levels Covered [Yes No]						Remarks by COE
			Question Paper	Answer Key	A1	A2	B1	B2	C1	C2	
6	CA1702 material science	1	Some questions are good for conceptual work but some problems are direct answer method	Key is OK	✓	✓	✓	✓	✓	✓	
	CA1702	2	All part A & part B are direct questions only part C is problem	Key is not proper some question answers are not provided for ex - same key is not given.	✓	✓	✓	✓	✓	✓	

Dr. K. Srinivasan
18/11/2020

Dr. S. Renukumar
18/11/2020

S. P. Murali





14. Exam Fees master

UNIFIED | STUDENT FEES MASTER

Fee Type: Exam
Exam: --Select--

Batch	Course	Subject Code	Subject Name	Amount
2021-2022	MBA	BA19207	Applied Operations Research	250
2021-2023	MBA	BA19202	Corporate Strategy and Entrepreneurship	250
2021-2023	MBA	BA19204	Financial Management	250
2021-2023	MBA	BA19205	Human Resources Management	250
2021-2023	MBA	BA19203	Marketing Management	250
2021-2023	MBA	BA19206	Marketing Research	250
2021-2023	MBA	BA19201	Operations Management	250

1 - 7 Of 7 Items

SAVE **CANCEL**

Fees Details

Edit	FeeType	Quota	EventTitle	Degree	AcademicYear	CourseName	Amount
☐	Exam Fees		2021-22/EVEN/UNIVERSITY EXAM/Regular/PG	PG	2021-22		0
☐	Exam Fees		2021-22/EVEN/UNIVERSITY EXAM/Regular/UG	UG	2021-22		0
☐	Exam Fees		2021-22/EVEN/UNIVERSITY EXAM/Regular/PG	PG	2021-22		0
☐	Exam Fees		2021-22/EVEN/UNIVERSITY EXAM/Regular/UG	UG	2021-22		0
☐	Exam Fees		2021-22/EVEN/UNIVERSITY EXAM/Regular/UG	UG	2021-22		0

UNIFIED | STUDENT FEE CONFIRMATION

STUDENT FEE CONFIRMATION

Academic year: 2022-23
Batch: 2020-2024
Course: BE-MCT
Semester: 5
Fee Type: Exam Fees

Exam: --Select--
Student: --Select--

Payment Details

Payable Amount:
Paid Amount:
Balance Amount:
Amount(Rs.):
Payment Mode: --Select--

Bank Name:
Cheque/DD No.:
Receipt No.:
Remarks:

HISTORY OF STUDENT

SUBMIT **CANCEL**

S. A. K. K. K.
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THANDALAM, CHENNAI - 602 105.





15. Hall tickets

RAJALAKSHMI ENGINEERING COLLEGE
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EXAMINATION FEE REPORT

Name of the Candidate: SORUL RAL S			Register Number: 211431111001		
Degree & Branch: M.E. Engineering Design			Date of Birth: 18/05/1999		
Academic Year: 2021-22			Regulation: #2019		
Sem No	Subject Code	Subject Title [Regular]	Sem No	Subject Code	Subject Title [Arrear Exam - if any]
2	ED1922	Additive Manufacturing			
2	ED1922	Analysis Lab			
2	AC19201	Constitution of India			
2	ED1927	Corrosion and Surface Engineering			
2	ED1923	Design with Advanced Materials			
2	ED1923	Engineering Fracture Mechanics			
2	ED19201	Finite Element Methods in Mechanical Design			
2	ED1923	Integrated Product Design and Process Development			
2	ED1924	Product Design and Development Lab			
Total Credits: 22			Total Credits: 0		
Mobile No: 9342589779			Grand Total: 22		
Email: 2114311001@rajalakshmi.edu.in			Total Amount: Rs. 2290		
I hereby declare that the particulars furnished by me in this application are correct.			No. of Papers: 9		
Signature of the candidate with Date			Signature of the head of the Department with Date		

RAJALAKSHMI ENGINEERING COLLEGE (AUTONOMOUS), THANDALAM
END SEMESTER EXAMINATIONS: MAY/JUNE 2022

HALL TICKET

Reg. Number: 2116211701012 Current Semester: 02

Name: DEEPAK S. D.O.B: 26/10/2003

Degree & Branch: B.E. & Computer Science and Design Gender: Male

Photo of the Candidate

Semester	Subject Code	Subject Name	Semester	Subject Code	Subject Name
02	GE19121	Engineering Practices - Civil and Mechanical			
02	MC19101	Environmental Science and Engineering			
02	EE19242	Basic Electrical and Electronics Engineering [14-07-2022 FN]			
02	CS19241	Data Structures [16-07-2022 FN]			
02	EC19243	Principles of Digital Electronics [12-07-2022 FN]			
02	MA19255	Transforms and Partial Differential Equations [18-07-2022 FN]			
02	CD19201	Visual Design and Communication [20-07-2022 FN]			

16. Internal marks download for Result processing

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Internal Mark Details

Semester	Event	Subject	CO1	CO2	CO3	CO4	CO5	Total
3	2019-20/ODD/CA TEST 1/Regular/UG	Transforms and Partial Differential Equations	22	16	0	0	0	38
5	2020-21/ODD/CA TEST 1/III Year/Regular/UG	Heat and Mass Transfer	21.3	12	0	0	0	33.3
5	2020-21/ODD/ASSIGNMENT III/III Year/Regular/UG	Dynamics of Machines	5	5	0	0	0	10
6	2020-21/EVEN/CA TEST 1/III Year/Regular/UG	Elements of Computer Aided Design	0	0	0	0	0	0
6	2020-21/EVEN/CA TEST 1/III Year/Regular/UG	Unconventional Machining Processes	14	11	0	0	0	25
6	2020-21/EVEN/ASSIGNMENT 2/III Year/Regular/UG	Automobile Engineering	0	4	4	0	0	8
7	2021-22/ODD/CA TEST 3/IV Year/Regular/UG	Computer Integrated Manufacturing Systems	0	0	0	22	22	44
1	2018-19/ODD/CA TEST 2/Regular/UG	Problem Solving and Python Programming	0	8	14	0	0	22
	2019-20/ODD/CA TEST	Kinematics of Machinery	6	3	0	0	0	9

S. N. Murali
PRINCIPAL





17. Credit Transfer Course

Industrial / Practical training / Internship / Summer Project if specified in the Curriculum shall not exceed the maximum duration of 4 weeks and is organized by the Head of the Department for every student.

Students may be permitted to credit value added courses with approval of the committee, consisting of the Head of the Department, staff handling the course and a senior Faculty member nominated by the Dean Academics. Two Assessments are conducted during the semester by the Department concerned.

RAJALAKSHMI ENGINEERING COLLEGE (AUTONOMOUS):: CHENNAI



OFFICE OF THE CONTROLLER OF EXAMINATIONS

NPTEL RESULTS PHASE II (ODD 2021-2022)

S. No	Dept	Reg. No.	Name of the students	Name of the subject	Sub Code	Grade	Max. credits of the course
1	IT	181001098	SRIRAM K	Introduction to Industry 4.0 and Industrial Internet of Things	21NCS07	A+	3
2	Auto	180201501	DINESHKUMAR G	Rapid Manufacturing	21NME08	A+	3
3	Auto	180201022	KRITHIK S	Automation in Manufacturing	21NME01	A+	3
4	Auto	180201028	Naveen K	Automation in Manufacturing	21NME01	A+	3
5	ECE	180801022	Ananthalakshmi S	Introduction to Internet of Things	21NCS08	B+	3
6	ECE	180801076	Hem kumar N	Deep Learning	21CCS09	A+	3
7	BME	180301020	Girjan M	Biomedical Nanotechnology	21NBT01	B+	1
8	BME	180301087	Sumaiya M R	Biomedical Nanotechnology	21NBT01	B+	1
9	Aero	180101059	VIGNESH K	EXPERIMENTAL METHODS IN FLUID MECHANICS	21NME10	A+	3
10	Aero	180101018	IVAN IMMANUEL MICHAEL	FUNDAMENTALS OF ARTIFICIAL INTELLIGENCE	21NCS10	B	3
11	Aero	180101053	THARAKESHWAR RAGHURAMAN	FUNDAMENTALS OF ARTIFICIAL INTELLIGENCE	21NCS10	B+	3
12	Aero	180101024	LOGESHWAR M S	Introduction to Industry 4.0 and Industrial Internet of Things	21NCS07	B+	3
13	Aero	180101024	LOGESHWAR M S	ENTREPRENEURSHIP	21NMG01	B+	3
14	Aero	180101003	AJAY PRASATH G A	ENTREPRENEURSHIP	21NMG01	A+	3
15	Aero	180101016	HARI PRASATH L	ENTREPRENEURSHIP	21NMG01	A+	3
16	Aero	180101002	ADITYA K	LIGHTER THAN AIR SYSTEMS	21NAE07	B	3
17	Aero	180101009	BHARATH H	LIGHTER THAN AIR SYSTEMS	21NAE07	B+	3
18	Aero	180101012	DHIREN R	LIGHTER THAN AIR SYSTEMS	21NAE07	A+	3
19	Aero	180101030	NAVEEN B	LIGHTER THAN AIR SYSTEMS	21NAE07	A+	3
20	Aero	180101031	NILESHKUMAR K	LIGHTER THAN AIR SYSTEMS	21NAE07	B	3
21	Aero	180101037	PRASATH S	LIGHTER THAN AIR SYSTEMS	21NAE07	A+	3
22	Aero	180101040	RAMKI MUTHUSUBASH B	LIGHTER THAN AIR SYSTEMS	21NAE07	B+	3
23	Aero	180101043	SANTHOSH RAJAA S S	LIGHTER THAN AIR SYSTEMS	21NAE07	B	3
24	Aero	180101044	SARANKUMAR G	LIGHTER THAN AIR SYSTEMS	21NAE07	B+	3
25	Aero	180101046	SHRINIVASAN S	LIGHTER THAN AIR SYSTEMS	21NAE07	B+	3
26	Aero	180101048	SIVAPRAKASH S	LIGHTER THAN AIR SYSTEMS	21NAE07	B	3
27	Aero	180101049	SRINATH B	LIGHTER THAN AIR SYSTEMS	21NAE07	B+	3

28	Aero	180101054	THARUN KUMAAR G S	LIGHTER THAN AIR SYSTEMS	21NAE07	B+	3
29	Aero	180101058	VETRIVEL M	LIGHTER THAN AIR SYSTEMS	21NAE07	B+	3
30	Aero	180101060	VIGNESH KUMAR S	LIGHTER THAN AIR SYSTEMS	21NAE07	B+	3
31	CSE	180701071	Ganapathi Sreeram R G	Introduction to Industry 4.0 and Industrial Internet of Things	21NAE07	A+	3
32	CSE	180701219	Saravanan M	Software Testing	21NCS11	A+	3
33	CSE	180701058	Deepak Raghavan B	Applied Natural Language Processing	21NCS12	B	3
34	CSE	180701030	Arjun Prasath A	Applied Natural Language Processing	21NCS12	B+	3
35	MECH	181101162	R. Sharath Prasanna	Automatic Control	21NME11	B+	2
36	MECH	181101162	R. Sharath Prasanna	Product Design and Manufacturing	21NME12	A+	1
37	MECH	181101029	E. Balaji	RAPID MANUFACTURING	21NME08	A+	3
38	MECH	181101066	G.Hrithik	RAPID MANUFACTURING	21NME08	B+	3
39	MECH	181101184	Srivathsan S S	Functional and Conceptual Design	21NCS13	B	3
40	MECH	181101168	Shyam Sundar B T	Automation in Manufacturing	21NME01	B+	3
41	MECH	181101191	Udhayamurthy M	Operations Management	21NME13	A+	3
42	MECH	181101163	Shivsharan M	Automation in Manufacturing	21NME01	A+	3
43	MECH	181101182	Srisai V	Functional and Conceptual Design	21NCS13	B+	3
44	MCT	181201006	Azhagu Murugan S	Product Design and Manufacturing	21NME12	B+	3
45	MCT	181201010	Dinesh C	Product Design and Manufacturing	21NME12	B+	3
46	MCT	181201012	Grace Keren Happuch A	Product Design and Manufacturing	21NME12	B+	3
47	MCT	181201017	Karan Ra	Product Design and Manufacturing	21NME12	B+	3
48	MCT	181201018	Karthick M R	Introduction to Industry 4.0 and Industrial Internet of things	21NCS07	A+	3
49	MCT	181201020	Karthikeyan A	Introduction to Industry 4.0 and Industrial Internet of things	21NCS07	B+	3
50	MCT	181201028	Monesh Gandhi G	Product Design and Manufacturing	21NME12	A+	3
51	MCT	181201032	Nirmal Raj P	Introduction to Industry 4.0 and Industrial Internet of things	21NCS07	A+	3
52	MCT	181201033	Perarasam	Product Design and Manufacturing	21NME12	B+	3
53	MCT	181201035	Pritham Raaj	Product Design and Manufacturing	21NME12	B+	3
54	MCT	181201043	Sivapriyan Raja	Product Design and Manufacturing	21NME12	B+	3

S. U. Kumaran

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55	MCT	181201052	Vijay Ly	Introduction to Industry 4.0 and Industrial Internet of things	21NCS07	B+	3
56	MCT	181201053	Vinitha V R	Product Design and Manufacturing	21NME12	B+	3
57	MCT	181201056	Yakshin Kumar P	Product Design and Manufacturing	21NME12	A+	3
58	MCT	181201021	Kevin S	Product Design and Manufacturing	21NME12	B+	3
59	MCT	181201031	Naveen Sri Sai Vignesh	Product Design and Manufacturing	21NME12	A+	3
60	MCT	181201002	Akshay Santhosh S	Product Design and Manufacturing	21NME12	B+	3
61	Civil	190601033	RESHMI M	Integrated Waste Management for a Smart City	21NCE01	B	3
62	Civil	190601060	AMITESH MAADHAV K.S.	Integrated Waste Management for a Smart City	21NCE01	B	3
63	Civil	190601034	RITHIGA J S	Integrated Waste Management for a Smart City	21NCE01	B+	3
64	Civil	190601047	SUDHARSAN E	Integrated Waste Management for a Smart City	21NCE01	B	3
65	ECE	190801122	A.PREETHA	Introduction to Internet of things	21NCS08	B	3
66	ECE	190801146	M.SANJANA	Introduction to Internet of things	21NCS08	B+	3
67	ECE	190801135	RAYAROHITHYADAV	Introduction to Internet of things	21NCS08	B	3
68	ECE	190801189	VENKATESH	Digital image processing	21NEE01	A	3
69	ECE	190801147	SANJAY A	Digital image processing	21NEE01	B+	3
70	ECE	190801112	PAVITHRA LAKSHMANAN	Introduction to Internet of things	21NCS08	B+	3
71	CSE	190701079	Jeevamutharasi Selvarasu	Introduction to Industry 4.0 and Industrial Internet of Things	21NCS07	A	3
72	CSE	190701258	Zafar Sadik H D	Social Networks	21NCS01	A	3
73	CSE	190701220	Sundari M	Data Science for Engineers	21NCS05	A	2
74	CSE	190701068	HIRTHI KUMAR C V	Introduction To Haskell Programming	21NCS14	B+	2
75	CSE	190701249	Visalatchi R	Social Networks	21NCS01	A	3
76	CSE	190701218	Sujitha R	Social Networks	21NCS01	B+	3
77	CSE	190701120	Nandita Sajeev	Data science for engineers	21NCS05	B+	2
78	CSE	190701238	Vasanth S	Social Networks	21NCS01	B+	3
79	CSE	190701215	SUGANTHI M	Social Networks	21NCS01	A	3
80	CSE	190701148	PraveenKumar Balaji Seetharaman	Social Networks	21NCS01	B+	3
81	CSE	190701236	Varun Rishwandh S	Social Networks	21NCS01	A	3
82	CSE	190701241	VIGNESH P	Social Networks	21NCS01	B+	3
83	CSE	190701081	Jeevitha C	Introduction to Industry 4.0 and Industrial Internet of Things	21NCS07	A	3
84	CSE	190701146	Praveen A	Social Networks	21NCS01	B	3
85	CSE	190701250	Vishal B	Social Networks	21NCS01	A	3
86	BME	190301066	RAMACHANDRAN M	Biomedical Nanotechnology	21NBT01	B+	1
87	BME	190301079	SARANYA R	Python for Data Science	21NCS04	B	1
88	MECH	181101057	R.L.Hariharan	Energy conservation and waste recovery	21NME09	A	3

[Signature]
Controller of Examinations

The total marks obtained in the assessments shall be reduced to 100 marks and rounded off to the nearest integer. The list of students along with the marks and the grades earned is forwarded to the Controller of Examinations.

Assessment for Online Course

Students are permitted to credit online courses (which are provided with a certificate) with the approval of Departmental Advisory Board consisting of external members and Dean-Academics subject to a maximum of three credits. After the completion of all the examination process result passing board meeting is conducted and finally the results are published through Unified portal software.

18. VALUATION PROCEDURE:

The evaluation for Theory course is carried out by both the Internal and the External examiners (double valuation), Third valuation is also conducted if the deviation between the first and the second valuation is more than 15 marks, For Practical courses the total marks awarded for each experiment conducted every week throughout the semester is consolidated for 50 marks. For each laboratory sessions, the student is assessed through viva questions, observations.

The evaluation for project course is assessed by conducting periodical project reviews. End semester practical examinations are evaluated for 100 marks and converted to 50. Laboratory and Project courses are assessed by both the internal and the external examiners.

[Signature]
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Practical Answer Script

Theory answer script



RAJALAKSHMI ENGINEERING COLLEGE

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Read the Instructions given overleaf carefully before filling in the title page. (To be filled in by the student)

Degree / Branch	Semester	
Subject Code	Date	Session FN / AN
Subject Title	No. of Pages used	

Question Paper Code

Signature of the Chief Superintendent

All participants given are verified by

Signature of the HOD Superintendent

DO NOT WRITE THE REGISTRATION NUMBER IN ANY OTHER PART OF THE ANSWER BOOK

(To be filled in by the student)

Date _____ Session **FN / AN**

Subject Code & Title _____

Question Paper Code _____ No. of Pages used _____

Date _____ Session **FN / AN**

Subject Code & Title _____

Question Paper Code _____

Students are instructed not to write anything below this line.

PART - A

Question No.	Marks
1	5-1-2
2	5-1-2
3	5-1-2
4	5-1-2
5	5-1-2
6	5-1-2

PART - B

Question No.	Marks		
	I	II	III
11	a		
	b		
12	a		
	b		
13	a		
	b		

Total Marks

VALUATION 1

1	5-1-2
2	5-1-2
3	5-1-2
4	5-1-2
5	5-1-2
6	5-1-2

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Scanning image of booklet bottom-II

(To be filled in by the student)

Date 04/05/2019 Session FN / AN

Subject Code & Title MA17AS1 NUMERICAL METHODS

Question Paper Code 17 MA18

20159

Students are instructed not to write anything below this line.

PART - A			PART - B & C			Total Marks	VALUATION 2	
Question No.	Marks	Question No.	Marks					
			i	ii	iii			
1	2	0 1 ●	11	a	8	8	16	0 ● 1 2 3 4 5 ● 7 8 9
2	2	0 1 ●		b			16	0 1 2 3 4 5 ● 7 8 9
3	2	0 1 ●	12	a	8	8	16	0 ● 1 2 3 4 5 ● 7 8 9
4	2	0 1 ●		b			16	0 1 2 3 4 5 ● 7 8 9
5	2	0 1 ●	13	a			16	0 ● 1 2 3 4 5 ● 7 8 9
6	2	0 1 ●		b	8	8	14	0 1 2 3 4 5 ● 7 8 9
7	0	● 1 2	14	a	8	6	16	0 ● 1 2 3 4 5 ● 7 8 9
8	2	0 1 ●		b			16	0 1 2 3 4 5 ● 7 8 9
9	2	0 1 ●	15	a	16		16	0 ● 1 2 3 4 5 ● 7 8 9
10	2	0 1 ●		b			16	0 1 2 3 4 5 ● 7 8 9
			16	a				0 1 2 3 4 5 ● 7 8 9
				b				0 1 2 3 4 5 ● 7 8 9
Total (A)	18		Total (B + C)			78		0 1 2 3 4 5 ● 7 8 9
Grand Total (A + B + C)						096		0 1 2 3 4 5 ● 7 8 9

Verified that all the questions attended by the student are valued to the best of my knowledge.

Date 16/5/19 Name of the Examiner P. Ragukumar Signature of the Examiner P. Ragukumar

19. RESULT PUBLICATION

UNIFIED | EXAMINATION RESULT

2021-22 2021-2025 BE-MECH 2 DHANUSH M - 211101020

END SEMESTER EXAMINATION RESULT - EVEN 2021-2022

Branch : BE-MECH Name : DHANUSH M Register Number : 211101020

SEMESTER	SUBJECT CODE	SUBJECT NAME	GRADE	RESULT
2	CY19241	Engineering Chemistry	U	Re-appearance
2	GE19122	Engineering Practices - Electrical and Electronics	A+	Pass
2	GE19201	Engineering Mechanics	U	Re-appearance
2	GE19211	Problem solving and programming in Python	B	Pass
2	MA19251	Differential Equations And Vector Calculus	U	Re-appearance
2	MC19102	Indian Constitution and Freedom Movement	C	Pass
2	ME19201	Manufacturing Processes	U	Re-appearance

GPA : 6.75 Result Published Date : 21-10-2022

For Students admitted from 2021 onwards: WH - With Held, U - Re-appearance, SA - Shortage of Attendance
For others : WH - With Held, RA* - Absent, RA - Re-appearance

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UNIFIED | GRADE SHEET REPORT

GRADE SHEET REPORT

Academic Year * 2021-22 Course * BE-CSE Batch * 2020-2024 Semester * 3 Name / RollNumber * KHARTHIKEYAN G - 200701125

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Rajalakshmi Institutions

Search...

Administration (70)

Assessment (50)

- Assessment Approvals (2)
- Assessment Masters (6)
 - Assessment Master
 - COSetup
 - Create Question Bank
 - Lab Experiments Master
 - Question Template Creation

20. Grade sheet

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1 of 1 Find | Next

KHARTHIKEYAN G 2116200701125

28-06-2002 Male

04'22 R2019

B.E. Computer Science and Engineering

3	CS19301	Computer Architecture	3	B+	7	04'22	PASS
3	CS19341	Design and Analysis of Algorithms	4	B+	7	04'22	PASS
3	CS19342	Object Oriented Programming Paradigm	5	A	8	04'22	PASS
3	EC19306	Communication Engineering	3	B+	7	04'22	PASS
3	EC19341	Digital Logic and Microprocessor	5	A	8	04'22	PASS
3	MA19354	Transforms and Discrete Mathematics	4	B+	7	04'22	PASS
3	MC19301	Essence of Indian Traditional Knowledge	0	B+	7	04'22	PASS

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Assessment (50)

- Assessment Approvals (2)
- Assessment Masters (6)
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21. Consolidated Grade sheet

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Administration (72)

Assessment (50)

Asset Management (8)

Attendance (21)

Budget (3)

Event Details (8)

Help Documents (17)

Hostel (11)

UNIFIED | GRADE SHEET REPORT

2 0 Rama Sundara Pandian

CONSOLIDATE UG REPORT

Academic Year * 2021-22 Course * B Tech-FT Batch * 2018-2022 Semester * 8 Name / RollNumber * RUBINI V - 181301031

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Alexis
Dr. J. KAVITHA, M.B., Ph.D.,
Controller of Examinations,
Rajalakshmi Engineering College
(Autonomous)
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S.K. Murthy
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