

K.S.R. COLLEGE OF ENGINEERING

(An Autonomous Institution)
Tiruchengode, Tamil Nadu - 637 215.

2.2.1 The institution assesses the learning levels of the students and organises special programmes for advanced learners and slow learners

In order to help the students from various groups, such as Non Computer Science, Vocational and Tamil medium students, our college K.S.R. College Of Engineering is conducting bridge course at beginning of the first year. To eradicate the fear of learning and communicating English, communication skill training is provided for Tamil medium students. For Non computer science students (Maths – Biology group in Higher Secondary School), basic computer concepts are taught and also the importance of computer programmes in the placement activities. For students admitted from vocational background special classes are arranged for Mathematics.

The bridge courses make the above group students comfortable while attending the regular classes.

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PRINCIPAL

K.S.R. COLLEGE OF ENGINEERING

K.S.R. KALVI NAGAR,

TIRUCHENGODE-637 215

STUDENT BRIDGE COURSE (2021-2025 BATCH)



BRIDGE COURSE ORGANIZED FOR

FIRST YEAR B.E., / B.Tech., STUDENTS

(11.10.2021 - 22.10.2021)

K.S.R. COLLEGE OF ENGINEERING: TIRUCHENGODE - 637 215

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Student's Bridge course for first year B.E. &B.Tech. (11.10.2021 -22.10.2021) MATHEMATICS

VENUE: MCA Conference Hall

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	/		10:00 AM
S.No.	DATE	DAY	то
3.140.	DAIL	2711	1:00 PM
			Application of matrices
1.	11.10.2021	DAY 01	by
	1111012	÷	Dr .R.V.M.Rangarajan, Head / Maths / KSRCE
	* = " =		Consistency of System of Equations
2.	12.10.2021	DAY 02	By
		1	Mr.S.Venkatesan, ASP/Maths / KSRCE
	W. T.		Algebra
3.	13.10.2021	DAY 03	by
			Capt.K.R.Natarajan,ASP/Maths/KSRCE
			Polynomials
4.	14.10.2021	DAY 04	by
			Mr.R.Ramesh, AP/Maths /KSRCE
			Trigonometry
5.	15.10.2021	DAY 05	by
	-		Mrs.A.Latha, AP/Maths /KSRCE
	4	И	Trigonometric functions and their Properties
6.	18.10.2021	DAY 06	by
0.	10.10.2021	2.2.2.0	Mrs.S.Jeyabharathi,AP/Maths/KSRCE
—	No.	20	Differential Equations
7.	19.10.2021	DAY 07	by
/.	19.10.2021	Ditt of	Mrs.S.Dhavamani,AP/Maths /KSRCE
- 1			Partial Derivatives
8.	20.10.2021	DAY 08	by
			Mrs.R.Latha,AP/Maths/KSRCE
	1	Y n	Integral Calculus
9.	21.10.2021	DAY 09	by
).	21.10.2021		Mr.N.Ramakrishnan,AP/Maths /KSRCE
		V	Integration by Partial Functions
10.	22.10.2021	DAY 10	by
10.	22.10.2021	DATIO	Mr.N.T.Baskar,AP/Maths /KSRCE
	1 1 1 1 1 1 1 1		IVII.IV. I. Daskai, AF/IVIaulis / NSINCE

All the first year class advisors should be present in the venue

Class Advisors concerned shall take care of the discipline of their students

Programme Co-ordinator

COLLEGE COLLEG

PRINCIPAL K.S.R. COLLEGE OF ENGINEERING K.S.R. KALVI NAGAR, TIRUCHENGODE-637 215

K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE - 637 215 (Autonomous)

ACADEMIC YEAR-2021-2022

Syllabus for Bridge course (Common to all branches)

UNIT:1 - Matrices

Introduction - Types of matrix - Applications of Matrices: Solving System of Linear Equations -Consistency of system of equations.

UNIT:2- Algebra

Introduction- GCD and LCM of Polynomials- Variables- Simultaneous Linear Equations - Solving the equations

UNIT: 3 - Trigonometry

Introduction - Basic results-Trigonometric functions and their properties- Trigonometric identities-Inverse trigonometric functions.

UNIT: 4 – Ordinary Differential Equations

Introduction -Differential Equations, Order, and Degree - Solution of Ordinary Differential Equations - First Order Linear Differential Equations - Applications of First Order Ordinary Differential Equations

UNIT:5 -Integral calculus

Introduction - Methods of Integration- Integration by substitution- Integration using trigonometric identities- Integration by Partial Fractions-

Preparedby

K.S.R.COLLEGE OF ENGINEERING K.S.R.Kalvi Nagar, Tiruchengode-637 215

Namakkal Dist., Tamilnadu

K.S.R.COLLEGE OF ENGINEERING (Autonomous) : TIRUCHENGODE – 637 215 BRIDGE COURSE LIST OF VOCATIONAL STUDENTS **ACADEMIC YEAR: 2021 - 2022**

S.NO	NAME	DEPT	11/10	12/10	12)10	1,110	1-110	Inlin	10/10	2 1	0.1.	00/10
1.	ABDUL VAJITH.U	CE	1110	12110	اران /	1	טוןכו /	18110	1-110	20JE)	0	1
2.	SONA P	CE	1	,	2	1	1	1	/	1	1	1
3.	MOHANRAJ V B	CSE	,	/	1	1	1	1	a	1	1	1
4.	SRIRM KAYAMBU G	CSE	,	1	1	1	9	,	1	1	/	1
5.	JAYAPRAKASH S B	EEE	/	1	1	1	/	1	1	/	1	1
6.	KEERTHANA S	EEE	1	,	/	,	,	1	1 -	/	/	2
	Faculty Signature			8	1	VOOR	AL	9	M	K BY	N.B	P.



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K.S.R.COLLEGE OF ENGINEERING K.S.R.Kalvi Nagar, Tiruchengode-637 215 Namakkal Dist., Tamilnadu

STUDENT BRIDGE COURSE (2020-2024 BATCH)



BRIDGE COURSE ORGANIZED FOR

FIRST YEAR B.E., / B.Tech., STUDENTS

(26.10.2020-6.11.2020)

K.S.R. COLLEGE OF ENGINEERING: TIRUCHENGODE - 637 215

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Student's Bridge course for first year B.E. &B.Tech. (26.10.2020-06.11.2020) MATHEMATICS

ONLINE LINK: https://meet.google.com/kev-kqmc-bb

DATE: 26.10.2020

S.No.	DATE	DAY	10:00 AM TO 1:00 PM
1.	26.10.2020	DAY 01	Matrices by Dr .R.V.M.Rangarajan,Head /Maths / KSRCE
2.	27.10.2020	DAY 02	Solving system of Linear equations by Mr.S.Venkatesan,ASP/Maths/KSRCE
3.	28.10.2020	DAY 03	Algebra by Mr.R.Ramesh,AP/Maths /KSRCE
4.	29.10.2020	DAY 04	Simultaneous Linear Equations by Mrs.S.Dhavamani,AP/Maths /KSRCE
5.	30.10.2020	DAY 05	Trigonometry by Capt.K.R.Natarajan,ASP/Maths/KSRCE
6.	02.11.2020	DAY 06	Trigonometric Functions by Mr.P.Rajasekar,AP/Maths /KSRCE
7.	03.11.2020	DAY 07	Ordinary Differential equations by Mr.N.Ramakrishnan,AP/Maths /KSRCE
8.	04.11.2020	DAY 08	Application of ODE by Mrs.E.Praveena,AP/Maths /KSRCE
9.	05.11.2020	DAY 09	Integral Calculus by Mrs.A.Latha,AP/Maths /KSRCE
10.	06.11.2020	DAY 10	Methods of Integration by Mrs.RLatha,AP/Maths /KSRCE

All the first year class advisors should be present in the venue

Class Advisors concerned shall take care of the discipline of their students

Programme Co-ordinator

K.S.R. K.S.R. K.S.R. Kal

K.S.R.COLLEGE OF ENGINEERING K.S.R.Kalvi Nagar, Tiruchengoue-637 215 Namakkal Dist., Tamilnadu

K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE - 637 215 (Autonomous)

ACADEMIC YEAR-2020-2021

Syllabus for Bridge course (Common to all branches)

UNIT:1 - Matrices

Introduction – Types of matrix -Applications of Matrices: Solving System of Linear Equations - Consistency of system of equations.

UNIT:2- Algebra

Introduction- GCD and LCM of Polynomials- Variables- Simultaneous Linear Equations – Solving the equations

UNIT: 3 - Trigonometry

Introduction - Basic results-Trigonometric functions and their properties- Trigonometric identities-Inverse trigonometric functions.

UNIT: 4 – Ordinary Differential Equations

Introduction -Differential Equations, Order, and Degree - Solution of Ordinary Differential Equations - First Order Linear Differential Equations - Applications of First Order Ordinary Differential Equations

UNIT:5 -Integral calculus

Introduction - Methods of Integration- Integration by substitution- Integration using trigonometric identities- Integration by Partial Fractions-

Prepared by

K.S.R.CÓLLEGE OF ENGINEERING
K.S.R.Kalvi Nagar, Tiruchengode-637 215
Namakkal Dist., Tamilnadu

K.S.R. COLLEGE OF ENGINEERING,(AUTONOMOUS) TIRUCHENGODE $-\,637215$ **BRIDGE COURSE** LIST OF VOCATIONAL STUDENTS **ACADEMIC YEAR: 2020 - 2021**

S.No.	Name	Dept	26/10	29/10	28/10	alro	30/10	2/11	3/11	11/2	du	114
1	ABISHEK G	AE	ac	1	1	1	1	1	1	1	1	1
2	PALPANDI J	AE	1	1	1	1	1	,	1,	,	,	1
3	SATHISHKUMAR V	AE	_	a	1	7	1	1	1	1	a	,
4	VASANTH M	AE	1	1	1	1	1	1	1	1	1	1
5	R.JAYAPRAVINRAJ	ECE	1	1	1	/	a	1	1	1	1	1
6	J.BALASURYA	EEE	. /	19	1	1	1	1	1	1	1	
7	PASUPATHI P	CSE	/	1	1	1	1	1	1	1	1	,
8	THIRUMALAI N	CSE	1	1	1	1	1	1	1	1.	1	1
9	VIGNESH V	CSE	6	1	1	1	1	a	1	1	1	1
10	M.GOPI	IT	1	1	1	1	1	1	1	1	1	1
N.	Faculty Signature		A.SV	60	Mrs	OTS.	LILLY	DO	MAN	14	0.8	VI



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K.S.R.COLLEGE OF ENGINEERING K.S.R.Kalvi Nagar, Tiruchengode-637 215 Namakkal Dist., Tamilnadu

STUDENT BRIDGE COURSE (2019-2023 BATCH)



BRIDGE COURSE ORGANIZED FOR

FIRST YEAR B.E., / B.Tech., STUDENTS

(08.07.2019 - 19.07.2019)

K.S.R. COLLEGE OF ENGINEERING: TIRUCHENGODE – 637 215

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Student's Bridge course for first year B.E. & B.Tech. (08.07.2019 -19.07.2019) MATHEMATICS

DATE: 08.07.2019

VENUE: MCA Conference Hall

		T	1000000
6.31-	5.475	DAY	10:00 AM
S.No.	DATE	DAY	TO 1.00 PM
			1:00 PM
1	09.07.2010	DAYOI	Matrices
1.	08.07.2019	DAY 01	by Dr .R.V.M.Rangarajan, Head / Maths / KSRCE
2.	09.07.2019	DAY 02	Solving system of Linear equations by Mr.S.Venkatesan, ASP/Maths / KSRCE
			Algebra
3.	10.07.2019	DAY 03	by
٥.	10.07.2019	DATOS	Mr.R.Ramesh, AP/Maths /KSRCE
			IVII.R.Ramesii, AF/IVIauis / RSRCE
		-	Simultaneous Linear Equations
4.	11.07.2019	DAY 04	by
			Mrs.S.Dhavamani,AP/Maths /KSRCE
			Tuissansmeter
_	12.07.2010	DAYOS	Trigonometry
5.	12.07.2019	DAY 05	by ACDAL ALL WCDCE
			Capt.K.R.Natarajan,ASP/Maths /KSRCE
	,	- " -	Trigonometric Functions
6.	15.07.2019	DAY 06	by
			Mr.P.Rajasekar,AP/Maths /KSRCE
	4)		Ordinary Differential equations
7.	16.07.2019	DAY 07	by
			Mr.N.Ramakrishnan,AP/Maths /KSRCE
	,		Application of ODE
8.	17.07.2019	DAY 08	by
_		_	Mrs.E.Praveena,AP/Maths /KSRCE
			Integral Calculus
9.	18.07.2019	DAY 09	by
			Mrs.A.Latha,AP/Maths /KSRCE
	1.19		Methods of Integration
10.	19.07.2019	DAY 10	by
			Mrs.RLatha,AP/Maths /KSRCE

All the first year class advisors should be present in the venue

Class Advisors concerned shall take care of the discipline of their students

Programme Co-ordinator

PRINCIPAL

K.S.R.CÖLLEGE OF ENGINEERING

K.S.R.Kalvi Nagar, Tiruchengode-637 215

Namakkal Dist., Tamilnadu

K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE - 637 215 (Autonomous)

ACADEMIC YEAR-2019-2020

Syllabus for Bridge course (Common to all branches)

UNIT:1 - Matrices

Introduction - Types of matrix -Applications of Matrices: Solving System of Linear Equations - Consistency of system of equations.

UNIT:2- Algebra

Introduction- GCD and LCM of Polynomials- Variables- Simultaneous Linear Equations – Solving the equations

UNIT: 3 - Trigonometry

Introduction - Basic results-Trigonometric functions and their properties- Trigonometric identities-Inverse trigonometric functions.

UNIT: 4 - Ordinary Differential Equations

Introduction -Differential Equations, Order, and Degree - Solution of Ordinary Differential Equations - First Order Linear Differential Equations - Applications of First Order Ordinary Differential Equations

UNIT:5 -Integral calculus

Introduction - Methods of Integration- Integration by substitution- Integration using trigonometric identities- Integration by Partial Fractions-

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K.S.R.COLLEGE OF ENGINEERING

K.S.R.Kalvi Nagar, Tiruchengode-637 21a

Namakkal Dist., Tamilnadu

K.S.R.COLLEGE OF ENGINEERING (Autonomous) : TIRUCHENGODE - 637 215 BRIDGE COURSE LIST OF VOCATIONAL STUDENTS ACADEMIC YEAR: 2019-2020

S.NO	NAME	DEPT	897	917	10/2	11)9	1217	ida	6141	12/2	iela	[4]
1.	J.INDUMATHI	ECE	a	1	1	1	a	1	1	1,17	1017	1117
2.	MOHAMMED AL FAHAD	EEE	1	1	_	/	1	a	1	1	1	1
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K.S.R.Kalvi Nagar, Tiruchengode-637 215

Namakkal Dist., Tamilnadu

STUDENT BRIDGE COURSE (2018-2022 BATCH)



BRIDGE COURSE ORGANIZED FOR

FIRST YEAR B.E., / B.Tech., STUDENTS

(14.08.2018 - 26.08.2018)

K.S.R. COLLEGE OF ENGINEERING: TIRUCHENGODE - 637 215

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Student's Bridge course for first year B.E. & B.Tech. (14.08.2018 - 26.08.2018)

MATHEMATICS

VENUE: MCA Conference Hall

DATE: 14.08.2018

S.No.	DATE	DAY	10:00 AM TO 1:00 PM
1.	14.08.2018	DAY 01	Matrices by Dr .R.V.M.Rangarajan,Head /Maths /KSRCE
2.	16.08.2018	DAY 02	Solving system of Linear equations by Mr.R.Ramesh,AP/Maths /KSRCE
3.	17.08.2018	DAY 03	Algebra by Mr.S.Venkatesan, ASP/Maths /KSRCE
4.	18.08.2018	DAY 04	Simultaneous Linear Equations by Capt.K.R.Natarajan, ASP/Maths /KSRCE
5.	21.08.2018	DAY 05	Trigonometry by Mrs.S.Dhavamani,AP/Maths /KSRCE
6.	22.08.2018	DAY 06	Trigonometric Functions by Mr.P.Rajasekar, AP/Maths /KSRCE
7.	23.08.2018	DAY 07	Ordinary Differential equations by Mrs.R.Latha, AP/Maths /KSRCE
8.	24.08.2018	DAY 08	Application of ODE by Mr.N.Ramakrishnan,AP/Maths /KSRCE
9.	25.08.2018	DAY 09	Integral Calculus by Mrs.E.Praveena,AP/Maths /KSRCE
10.	26.08.2018	DAY 10	Methods of Integration by Mrs.A.Latha,AP/Maths /KSRCE

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Programme/Co-ordinator

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K.S.R.COLLEGE OF ENGINEERING K.S.R.Kalvi Nagar, Tiruchengode-637 215 Namakkal Dist., Tamilnadu

K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE - 637 215 (Autonomous)

ACADEMIC YEAR-2018-2019

Syllabus for Bridge course

(Common to all branches)

UNIT:1 - Matrices

Introduction - Types of matrix -Applications of Matrices: Solving System of Linear Equations -Consistency of system of equations.

UNIT: 2- Algebra

Introduction- GCD and LCM of Polynomials- Variables- Simultaneous Linear Equations - Solving the equations

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UNIT: 4 - Ordinary Differential Equations

Introduction -Differential Equations, Order, and Degree -Solution of Ordinary Differential Equations - First Order Linear Differential Equations - Applications of First Order Ordinary Differential Equations

UNIT:5 -Integral calculus

Introduction - Methods of Integration- Integration by substitution- Integration using trigonometric identities- Integration by Partial Fractions-

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K.S.R.COLLEGE OF ENGINEERING K.S.R.Kalvi Nagar, Tiruchengode-637 215

Namakkal Dist., Tamilnadu

K.S.R.COLLEGE OF ENGINEERING (Autonomous): TIRUCHENGODE – 637 215 BRIDGE COURSE LIST OF VOCATIONAL STUDENTS ACADEMIC YEAR: 2018- 2019

S.NO	NAME	DEPT	1418	168	17/8	18/8	2/18	22/8	23/8	24/8	25/8	26/8
1.	HARIPRASATH P S	CE	1	1	1	1	1	1	1	1	1	1
2.	KAVINPRASATH V	CE	a	1	1	1	1	1	1	a	1	1
3.	GOKULNATH S	MECH	1	1	1	1	,	1	,	1	,	,
4.	SUDARSANAN R	MECH	1	1	,	a	1	1	1	,	,	a
5.	SUJITHKUMAR M	MECH	,	1	7	/	1	1	1	/	1	1
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K.S.R.COLLEGE OF ENGINEERING

K.S.R.Kalvi Nagar, Tiruchengode-637 215

Namakkal Dist., Tamilnadu

STUDENT BRIDGE COURSE (2017-2021 BATCH)



BRIDGE COURSE ORGANIZED FOR

FIRST YEAR B.E., / B.Tech., STUDENTS

(16.08.2017 - 29.08.2017)

K.S.R. COLLEGE OF ENGINEERING: TIRUCHENGODE - 637 215

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Student's Bridge course for first year B.E. &B.Tech. (16.08.2017-29.08.2017) **MATHEMATICS**

VENUE: MCA Conference Hall

DATE: 16.08.2017

S.No.	DATE	DAY	10:00 AM TO 1:00 PM
1.	16.08.2017	DAY 01	Matrices by Mrs.A.Shanmugavadivu,Head /Maths /KSRCE
2.	17.08.2017	DAY 02	Solving system of Linear equations by Mr.R.Ramesh,AP/Maths /KSRCE
3.	18.08.2017	DAY 03	Algebra by Mr.S.Venkatesan, ASP/Maths /KSRCE
4.	19.08.2017	DAY 04	Simultaneous Linear Equations by Capt.K.R.Natarajan, ASP/Maths /KSRCE
5.	22.08.2017	DAY 05	Trigonometry by Mr.S.Arockiasamy,AP/Maths /KSRCE
6.	23.08.2017	DAY 06	Trigonometric Functions by Mr.P.Rajasekar, AP/Maths /KSRCE
7.	24.08.2017	DAY 07	Ordinary Differential equations by Mrs.R.Latha, AP/Maths /KSRCE
8.	25.08.2017	DAY 08	Application of ODE by Mrs.V.M.Janaki,AP/Maths /KSRCE
9.	26.08.2017	DAY 09	Integral Calculus by Mrs.S.Ramya,AP/Maths /KSRCE
10.	29.08.2017	DAY 10	Methods of Integration by Mrs.A.Latha,AP/Maths /KSRCE

All the first year class advisors should be present in the venue

Class Advisors concerned shall take care of the discipline of their students

Programme co-ordina

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K.S.R.COLLEGE OF ENGINEERING K.S.R.Kalvi Nagar, Tiruchengode-637 215 Namakkal Dist., Tamilnadu

K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE - 637 215 (Autonomous)

ACADEMIC YEAR-2017-2018

Syllabus for Bridge course (Common to all branches)

UNIT:1 - Matrices

Introduction – Types of matrix -Applications of Matrices: Solving System of Linear Equations - Consistency of system of equations.

UNIT: 2- Algebra

Introduction- GCD and LCM of Polynomials- Variables- Simultaneous Linear Equations – Solving the equations

UNIT: 3 - Trigonometry

Introduction - Basic results-Trigonometric functions and their properties- Trigonometric identities-Inverse trigonometric functions.

UNIT: 4 - Ordinary Differential Equations

Introduction -Differential Equations, Order, and Degree - Solution of Ordinary Differential Equations - First Order Linear Differential Equations - Applications of First Order Ordinary Differential Equations

UNIT: 5 -Integral calculus

Introduction - Methods of Integration- Integration by substitution- Integration using trigonometric identities- Integration by Partial Fractions-

Prepared by

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K.S.R.COLLEGE OF ENGINEERING K.S.R.Kalvi Nagar, Tiruchengode-637 215

Namakkal Dist., Tamilnadu

K.S.R.COLLEGE OF ENGINEERING (Autonomous): TIRUCHENGODE – 637 215 BRIDGE COURSE LIST OF VOCATIONAL STUDENTS ACADEMIC YEAR: 2017 – 2018

S.NO	Name	Dept	1618	17/8	18/8	1918	22/8	23/8	24/8	2018	26/8	29/8
1.	S.DEEPANRAJ	ECE	1	a	1	1	1	1	1	1	1	1
2.	M.DINESHKUMAR	EEE	1	1	1	1	1	1	a	1	/	/
3.	S.JAGADESH	EEE	1	1	./	1	1	1	1	1	1	1
F	Faculty Signature					KRN	Ro	DD.	DL	Max	Spor	(1)

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K.S.R.COLLEGE OF ENGINEERING

K.S.R.Kalvi Nagar, Tiruchengode-637 215

Namakkal Dist., Tamilnadu