



OFFICE OF THE DIRECTOR ACADEMICS

RAJASTHAN TECHNICAL UNIVERSITY

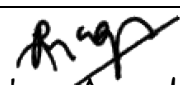
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Equivalence of courses in Old & New Scheme for B.Tech. (Ceramic Engineering)

Subjects/Courses in Old Scheme		Equivalent Subject/Courses in New Scheme	
Code	Name	Code	Name
3CRE1	Ceramic Raw Materials and Characterization	3CR1A	Ceramic Raw Materials and Characterization
3CRE2	Ceramic Processing	3CR2A	Ceramic Processing
3CRE3	Materials Science	3CR3A	Materials Science
3CRE4	Mathematics-III	3CR6A	Advanced Engg. Mathematics-1
3CRE5	Electronic Measurement & Instrumentation	3CR4A	Electronic Measurement & Instrumentation
3CRE6	Theory of Solid Mechanics	3CR5A	Theory of Solid Mechanics
4CRE1	Ceramic Analysis and Instrumentation	4CR1A	Ceramic Analysis and Instrumentation
4CRE2	Heat and Mass Transfer	4CR2A	Heat and Mass Transfer
4CRE3	Particle and Fluid Mechanics	4CR3A	Particle and Fluid Mechanics
4CRE4	Electric Properties of Materials	4CR4A	Electric Properties of Materials
4CRE5	Mathematics-IV	4CR5A	Advanced Engg. Mathematics-2
4CRE6.1	Data Base Management System	4CR6A	Data Base Management System
4CRE6.2	Introduction to Nano technology	-	No equivalence
4CRE6.3	Newer Machining Methods	-	No equivalence
5CRE 1	Red Clay (Terracotta) Technology	5CR1A	Red Clay (Terracotta) Technology
5CRE 2	Pottery & Heavy Clayware Ceramics	5CR2A	Pottery & Heavy Clayware Ceramics
5CRE 3	Refractory	5CR3A	Refractory
5CRE 4	Electro- Ceramics -I	5CR4A	Electro- Ceramics -I
5CRE 5	Glass and Glass Ceramics	5CR5A	Glass and Glass Ceramics
5CRE 6	Fuels, Furnaces and Pyrometers	5CR6.1A	Fuels, Furnaces and Pyrometers
6CR 1	Thermodynamics and Phase Equilibria	6CR1A	Thermodynamics and Phase Equilibria
6CR 2	Thermal & Optical Properties of Ceramic Materials	6CR2A	Thermal and Mechanical Properties of Ceramic Materials
6CR 3	Electrical & Magnetic Properties of Ceramic Materials	6CR3A	Electrical, Magnetic and Optical Properties of Ceramic Materials
6CR 4	Cement Technology	6CR4A	Cement Technology
6CR 5	Ceramic Coating–Enamel & Glazes	6CR5A	Ceramic Coating-Enamel & Glazes
6CR6.1	Industrial Economics & Factory Management	6CR6.1A	Industrial Economics & Factory Management
6CR6.2	History of Ceramic Science & Technology	6CR6.2A	History of Ceramic Science & Technology
7CR 1	Traditional Ceramics & Processing Techniques	7CR1A	Traditional Ceramics & Processing Techniques
7CR 2	Advanced Ceramics & Processing Techniques	7CR2A	Advanced Ceramics & Processing Techniques
7CR 3	Electro Ceramics-2	7CR3A	Electro Ceramics-2
7CR 4	Bio-Ceramics	7CR4A	Bio-Ceramics
7CR 5	Material Science & Engineering	7CR5A	Material Science & Engineering
7CR6.1	Environment & Energy Management.	7CR6.1A	Energy & Energy Management
7CR6.2	Computer Programming & Application in Ceramic Engineering	7CR6.2A	Computer Programming & Application in Ceramic Engineering
8CR 1	Science & Technology of Special Glasses	8CR1A	Science & Technology of Special Glasses
8CR 2	Engineering Ceramic and Processing techniques.	8CR2A	Engineering Ceramic and Processing Techniques
8CR 3	Engineering Ceramic Products and Abrasive	8CR3A	Engineering Ceramic Products and Abrasive
8CR4.1	Pollution Controls in Ceramic Industries	8CR4.1A	Pollution Controls in Ceramic Industries
8CR4.2	Energy Management in Ceramic Kilns	-	No equivalence


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