4, RIICO Industrial Area, Neemrana, Dist. Alwar, Rajasthan MS. PRIYA SIHARMA B.Tech. Semester-1				
No Subject	Name of Student	Seminar Topic	Date of Seminar	
Communicative English	M. Shakir K (998)	Tenses * Definition * Types * Illustrations * Uses	06-8-2016	
O2 Communicative English	Lalit Kishor Singh (999)	* Definition * Types of Voice * Active voice * Examples * Passive voice * Examples	06-8-2016	
03 Communicative English	Priya (1000)	Introduction Purpose Basic rules Merits of Dialogue writing Dialogue writing sample	06-8-2016	

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MS. PRIYA SHARMA

C No	Cubicat	Name of Student	MS. PRITA SHARMA	B. lech. Semester-1
S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
04	Communicative English	Ashutosh singh (1001)	* Introduction * Supporting details * Concluding sentence * Structure of a paragraph * Stages in paragraph writing * Sample paragraphs	13-8-2016
05	Communicative English	Abhitendra Lakera (1002)	Precis writing * Introduction * Utility of Precis * Stage in Precis writing * Precis writing samples	13-8-2016
06	Communicative English	Abhishek Bhalla (1003)	* Introduction * Purpose of Report * Types of Reports * Progress report, laboratory reports, newspaper reports * Stages in Report writing * Framework of a Report	13-8-2016

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		roa, recommana, bioti / iiii	MS. PRIYA SHARMA	B.Tech. Semester-1	
S.No	Subject	Name of Student	Seminar Topic	Date of Seminar	
07	Communicative English	Abhisher mourya (1004)	The Luncheon: W.S. Maugham * About the author * Summary of the story * Literary analysis * Theme, symbols, Motifs * Conclusion	20-8-2016	
08	Communicative English	Pulkit Sirohi (1005)	How much Land does a man need?: Leo Tolstoy * About Leo Tolstoy * Summary of the story * Significance of the title * Futility of human life * Conclusion	20-8-2016	
09	Communicative English	Aman Agarwal (1006)	The Last leaf : O Henry * About O Henry * Summary of the story * Exposition, complication, climax * Falling action of the story * Theme of the story	20-8-2016	

I-04, RII	CO Industrial A	B.Tech. Semester-1		
S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
10	Communicative English	Abhinav Pandey (1017)	On the Rule of the road : A.G. Gardener * About the Essayist * Summary of the essay * Individual liberty Vs. Social Anarchy * Title of the story	24-9-2016
11	Communicative English	Brahm Deo (1018)	The Gandhian Outlook: S. Radha krishnan * About the Essayist * Summary of the story * Gandhi ji as world citizen * Beliefs of Gandhian Philosophy * Conclusion	24-9-2016
12	Communicative English	Gaurar (1019)	Our own civilization : C.E.M. Joad * About the essayist * Summary of the essay * Praise of our Civilization * Defects of our Civilization * Conclusion	24-9-2016

04, RII	CO Industrial A	B.Tech. Semester-1		
S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
13	Communicative English	Sangam Sahu (1020)	The Unknown Citizen: W.H. Eden * About the poet * Summary of the Poem * Critical analysis * Symbols, themes * Elements of social realism * Eden's ironic tone	15-10-2016
14	Communicative English	Pawan Kumar (1021)	No men are Foreign- James Kirkup * About the poet * Summary of the Poem * Critical analysis of the poem * World Disparities * Conclusion	15-10-2016
15	Communicative English	mir Faid (1022)	If: Rudyard Kipling * About the poet * Summary of the Poem * Critical analysis * Triumph Vs. Disaster * Paradox in the Poem * Language style of the poem	15-10-2016

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mr. Ravivaj

	i		mr kaviray	b. rech. Semester-1
S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
01	BEE(T)	Jasmeet Kaur (1007) Aditya Kumar (1008)	* Introduction * Types of semiconductor * Properties * Effects of doping PN Junction	27-8-2016
			* Introduction * Depletion layer formation * Properties * Effects of doping	
03	BEE(T)	(1009)	Zener diode * Introduction * Symbol and V-I Characteristics * Zener breakdown * Applications	27-8-2016
04	BEE(T)	suraj Kumar (1010)	* Introduction * Types of rectifiers * Half wave rectifiers * Full wave rectifiers * Applications	10-9-2016

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Subject	Name of Student	Seminar Topic	Date of Seminar	
BEE(T)	Surkhab Singh	Bipolar junction transistor	10-9-2016	
	(1011)	* Introduction * Types of BJT		
		 * Regions of BJT * Configuration of BJT * Applications and modes of BJT 		
BEE(T)	Nagvi Javed	Logic gates	10-9-2016	
		* Introduction * Types of logic gates * Universal gates * Applications		
BEE(T)	Hitesh Surya Prakash (1013)	Amplitude modulation * Introduction * Efficiency * Transmitted power * Modulation schemes	17-9-2016	
BEE(T)	vaibhair Pandey (1014)	* Introduction * Types of Transducers * Properties * Application	17-9-2016	
3	Subject EE(T)	Subject Name of Student EE(T) Surkhab Singh (1011) EE(T) Naqvi Javed (1012) EE(T) Hitesh Surya Prakash (1013)	Subject Name of Student Seminar Topic EE(T) Surkhab Singh (1011) * Introduction * Types of BJT * Regions of BJT * Configuration of BJT * Applications and modes of BJT * Applications and modes of BJT * Logic gates * Introduction * Types of logic gates * Universal gates * Applications EE(T) Hitesh Surya Amplitude modulation * Introduction * Efficiency * Transmitted power * Modulation schemes EE(T) Vaibhar Panday (1014) * Introduction * Efficiency * Transmitted power * Modulation schemes * Introduction * Efficiency * Transducers * Introduction * Types of Transducers * Properties	

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B.Tech. Semester-1 Raviray MY. **Date of Seminar Seminar Topic** Subject Name of Student S.No vijendra Singh (1016) 17-9-2016 BEE(T) Transducers 09 Introductions Types of Transducers **Properties Applications** IC 10 BEE(T) Introduction Types of IC **Properties** Specifications **Applications**

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S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
01	BEE		Network Sources * What is Network * Types of network sources	
			 Voltage source & its circuit Current source & its circuit Dependent sources & its circuit Source conversion & its method Zero source & its circuit 	
02	BEE		reduction methods	
		,	 * Kirchoff's Laws * KCL * KVL * Node voltage method * Mesh current method * Comparison method * Conclusion 	
03	BEE		Circuit reduction theorems	
			* Superposition theorems	

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S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
04 B	BEE		Electrical Machines	
			 * Introduction to Machines * Types of Electrical Machines * DC Machines - Working principle - Types * AC Machines - Working principle - Types * Application of AC & DC Machines * Comparison of AC & DC Machines 	
05 B	BEE		DC Machine	
		, ,	 * Introduction * Working principle of DC Machines * DC Generator * DC Motor * Application of DC Generator & motor 	
06 B	BEE	4	* Introduction to DC Machine * Magnetic field system * Yoke * Pole core & pole shoes * Pole coils or field windings	
	_		* Yoke * Pole core & pole shoes	

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S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
,			* Commutator * Banishes	
07	BEE	,	DC Generator types	
,			 Principle of Generator Types of DC Generator Separately excited DC Generator Self excited DC Generator Application of DC Generator 	
08	BEE		DC Motor types	
			 * Principle of Motor * Types of DC Motor * Separately excited DC Motor * Self excited DC Motor * Application of DC Motor 	
09	BEE .		AC Machines	
			 Principle of AC Machines Construction of AC Machine 3 phase induction machines Applications of AC Machine 	

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S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
10	BEE		* Introduction to Synchronous Machine * Difference between Synchros &	
			* Application of AC Machine	
4				

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Anu sharma

S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
01	Engineering Chemistry	Arshdelp (1024)	Classification of Fuels * Solid Fuels * Liquid Fuels * Gaseous Fuels	22-10-2016
02	Engineering Chemistry	Sandeek Kumav mohanty (1025)	Carbonization Process * Auto Hoffemann's Method * Beehive Method	22-10-2016
03	Engineering Chemistry	sonali choudhary (1026)	# Cracking * Knocking/Antiknocking * Octane No/ cetane No * Reforming	22-10-2016
04	Engineering Chemistry	EKta Sharma (1017)	Manufacturing of Synthetic Patrol * Bergius Process * Fisher Tropes Process	29-10-2016

I-04, RIICO Industrial Area, Neemrana, Dist. Alwar, Rajasthan

Dr. Anu Sharma

S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
05	Engineering Chemistry	Rahul Kumar (1028)	Fuel Analysis * Ultimate Analysis * Proximate Analysis	29-10-2016
06	Engineering Chemistry	monika Vemgiri (1029)	Determination of calorific Value * Bomb Calorimeter * Junker's Calorimeter	29-10-2016
07	Engineering Chemistry		Calculation of calorific value * By Doling Petit's Formula * By other Method * Flue gas analysis by roast Apparatus	
08	Engineering Chemistry		Polymers classification * Explain on the basis of * Origin * Monomeric Units * Mechanisms * Based on Structure etc.	

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S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
09	Engineering Chemistry		Mechanisms for Polymerization * Addition - Cationic - Anionic - Free Radical * Condensation * Coordination Polymerization (zialar-Nalta synthesis)	
10	Engineering Chemistry		* SBR * NBR * Butyl Rubber * Neoprime Rubber	
11	Engineering Chemistry		Organic Electronic Materials * Polyethylene * Polypyroles * Polyamine * Polyphenylener	

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S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
12	Engineering Chemistry		* Manufacturing of cement * Applications * Setting & hoarding of cement.	
13	Engineering Chemistry		* Manufacturing * Types of glass * Importance of Annealing in glass manufacturing process	
14	Engineering Chemistry	** .	* Manufacturing * Fabrication * Constructions * Industrial Applications	
15	Engineering Chemistry		* Types of Silicate glasses * Applications	

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S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
16	Engineering Chemistry	•	* Definition * Classification * Requisites of good refractories	
17	Engineering Chemistry		* Silica Manufacturing * Fireclay Refractory * Application/ Preparations	
18	Engineering Chemistry	- -	* Explanation of Segar cone * Refractory under load	
19	Engineering Chemistry		Classification of Lubricates * Solid * Semisolid * Liquid	

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S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
20	Engineering Chemistry		Properties of Lubricants * Viscosity * Viscosity Index * Fire & Flash point * Steam emulsification No. * Neutralization No. * Precipitation No.	
21	Engineering Chemistry		Properties of Lubricates * Acid Value * Aniline point	

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S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
01	Engg. Mathematics-I		* Introduction of Branches of a curve * Definition * Kind of Asymptote * Asymptote parallel to axes of coordinates * Oblique Asymptotes * Asymptotes of Algebraic curves * Various method of finding Asymptotes * Total number of Asymptotes	
02	Engg Mathematics-I		* General assumption of curvature * Definition of curvature * Curvature of circle * Formula for radius of curvature * Cartesian formula for radius of curvature - Radius of curvature for curves in parametric form - Radius of curvature when x and y are function of S. * Centre of curvature * Circle of curvature	
03	Engg Mathematics-I	,	Curve Tracing * Introduction * Basic definition regarding curve tracing	

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S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
			 Similar points Multiple points Double points Node Cnsp Insulted point Point of infusion Criteria for a point of inflection Procedure for tracing curves having criteria equation Symmetry Origin Asymptotes Points of intersection Region Special point (Singularity) 	
04	Engg Mathematics-I		Introduction of Polar coordinates * Procedure for tracing curves having polar Equations * Symmetry * Pole or origin * Asymptotes * Region * Value of 4 $\left(\tan \varphi = r \frac{dq}{dr}\right)$	

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S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
05	Engg Mathematics-I		Introduction of partial differentiation * Definition * Function of two variables * Continuity * Partial derivative of first order * Partial derivative of higher order - Notation' - Geometrically interpretation * Homogeneous function * Euler's theorem on homogeneous function * Deduction from Euler's Theorem - Ist- Deduction from Euler's Theorem	
06	Engg Mathematics-I		Introduction of Approximation of Errors * Definitions of Errors * Types of Error * Application of Approximation of Errors * Maxima and Minima of function of two variables * Condition for f(x,y) to be maxima or minima * Condition for for f (x ₁ ,y ₂) to be maxima or minima * Lagrange's method of undetermined	

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S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
07	Engg Mathematics-I		Introduction of Multiple Integrals * Definitions * Double Integrals * Evaluations of double integrals - When x ₁ , x ₂ are function of y and y are y ₁ , y ₂ constants - When y ₁ , y ₂ are function of x and x ₁ , x ₂ are constants - When x ₁ , x ₂ , y ₁ and y ₂ are constant * Evaluation of double Integrals in polar co-	
		-	ordinates. * Change of order of Integration	
08	Engg Mathematics-I		Introduction of Triple Integrals * Change of variables * Area by double Integration * Volume as a double integrals * Volume as a triple Integrals * Calculation of mess (Application of trip)	
09	Engg Mathematics-I		Introduction of Gamma and Beta function * Definitions * Reduction formula for Gamma and Beta * Transformation of Gamma function * Symmetry of Beta function.	

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S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
-		*	Relation between Beta and Gamma function Duplication formula	
10	Engg Mathematics-I		Introduction of differential Equations * Definition * Types of differential equation * Order and degree of differential equation * General solution of differential equation - Complementary solution - Particular solution * Differential equation of the first order and first degree * Solution of differential equations of first order and first degree . * Methods of solution of equation of first order	
			and first degree - Linearly differential equations - Reduce to linear differention. Equations (Bernoulli's equations)	
11.	Engg Mathematics-I		Introduction of Exact differential equation * Definition * Necessary condition for exactness * Equations reducible to exact equations * Integration factor * The methods are useful in finding I.F For difference equations.	

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S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
12	Engg Mathematics-I		Introduction of linear differential equations with constant coefficients	, ,
			 Definition The operator D Important theorems The complete solution Complementary solution (C.F) Auxiliary equation (A.E) The complete solution of differential Equation= C.F+P.I 	
			 * Rules for finding the complementary function - When roots of A.E. are real and distinct - When the roots of A.E. are equal - When two roots of A.E. imaginary - When root of A.E are repeated imaginary - When roots of AE are irrational - When roots of AE are repeated irrotational 	
			 * Rules for finding the particular Integral (P.I) - Case-1 when Q=e^{ax+b} - Case-2 when Q=sin (ax+b) or cos (ax+b) - Case-3 when Q=x^m, m being a +ve integer - Case-4 when Q=e^{ax}, v, where v is a function of x - When Q is any other function of x 	

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S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
13	Engg Mathematics-I		Introduction of second order differential equation with variable coefficients	
			 Definitions Methods to solve such Equation Homogenous linear differential equations Steps for solution Exact differential equation Working steps for solution of exact differential equations 	
14	Engg Mathematics-I		Introduction of second order differential equations with variable coefficients	* .
			 * Method-1 To find the complete solution of y"+py'+qy=R', when part of C.F. is known (method of reduction of order) * Steps for solution * Method-2 find the complete solution of y"+py'+qy=R, when its is reduced to normal form (removal of first derivative) * Steps for solutions. 	
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S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
15	Engg Mathematics-I	, , ,	Introduction of served order different eq. with variable coefficient	
	* *		 Method-3 To find the complete solution of Y"+PY'+QY=R by changing the independent variable Steps for solutions To find the complete solution of Y"+PY'+QY=R by the method of variation of parameters Steps for solution 	
			*	
		3		

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S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
01	Physics-I		Interference of Light * What is Light, Nature of Light * Electromagnetic wave theory * Quantum theory of Light * The Principle of Superposition * Theory of Interference	
02	Physics-I		* Introduction to coherent light sources * Fresnel Bi-Prism and Interference * Newton's Rings, application of Newton's ring.	
03	Physics-I		* Principle, construction & working * Formation of Firings * Types of Firings * Deference between Newton's Ring and Michelson Interferometer * Interference Filter	

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S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
04	Physics-I		Plane circular and elliptical polarized light * Light on the bases of electrical vector * Malus law * Polarization of light and their types * Method of production plane polarized light	
05	Physics-I		Calcite crystal Optical axis Nicole prism Hygiene's theory of double Refraction Phase Retardation plate	
06	Physics-I		Production of light * Detection of light * Analysis of polarized light * Optical activity * Conventional polarimenter * Half shade bi-quartz's devised	

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S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
07	Physics-I		* Quantitative description of single slit * Position of maxima, minima and width of central maximum * Intensity variation Diffraction Grating	
, 00	i Tiyalca-i		Construction and theory Formation of spectrum by plane transmission Grating Determination of wavelengths of light using plane transmission Grating.	
09	Physics-I		* Geometrical and spectral * Raleigh criterion * Resolving power of diffraction Grating and Telescope.	
10	Physics-I		* Covalent Bonding and Metallic Bonding * Classification of solid as insulator, conductor and semiconductor	

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S.No	Subject	Name of Student	Seminar Topic	Date of Seminar
11	Physics-I		* Conductivity in Semiconductor * Determination of energy gap in semiconductor * X-Ray diffraction and brag's law	
12	Physics-I		Halo-Effect * Theory, hall coefficient and Application	
13	Physics-I	*	Postulates of special theory of relativity Classical and special theory of relativity Introduction to special theory of relativity.	
14	Physics-I		* Theory, working and construction * Application of Lorenz's Transformation * Relativity of length, mass and time	
15	Physics-I	÷	Relativity, velocity addition Mass-energy relation Relativity, energy and momentum	