

Shree Swami Atmanand Saraswati Institute of Technology, Surat

Department of Mechanical Engineering

B.E.- 4th Year (7th Semester) Mech-2

CAM Subject Presentation List

Group ID	Sr. No.	Enrolment No.	Students Name	Presentation Topic
M2G1	1	170760119018	DAS ASHWIN GOPALKRISHNA	Computer Aided Manufacturing: CAM Concepts, Objectives & scope, Nature & Type of Manufacturing System, Evolution, Benefits of CAM
	2	170760119066	PARMAR VAIBHAVKUMAR DEVRAJBHAI (L)	
	3	170760119068	PATEL BRIJESH KIRTIKUMAR	
	4	170760119071	PATEL HARSH TUSHARKUMAR	
M2G2	5	170760119072	PATEL HARSHIL HASMUKHBHAI	Role of management in CAM, Concepts of Computer Integrated Manufacturing, Impact of CIM on personnel, Role of manufacturing engineers, CIM Wheel to understand basic functions
	6	170760119073	PATEL JENILBHAI JAYESHBHAI	
	7	170760119074	PATEL MAN BAIJUKUMAR	
	8	170760119075	PATEL MOHIN HARSHADBHAI (L)	
	9	170760119076	PATEL RAJ DILEEPKUMAR	
M2G3	10	170760119077	PATEL YASHKUMAR PRAVINKUMAR	NC/CNC Machine Tools: NC and CNC Technology: Types, Classification, Specification and components, Construction Details, Controllers, Sensors and Actuators
	11	170760119078	PATHAK YASH DHARMENDRA	
	12	170760119079	PATIL SAGAR KAILASH	
	13	170760119081	RADADIYA ROHAN DINESHBHAI (L)	
	14	170760119082	RAJAPARA JAY RAMESHBHAI	
M2G4	15	170760119083	RAJPUROHIT RAMESH BHAWANI	CNC hardware: Re circulating ball screw, anti friction slides, step/servo motors. Axis designation, NC/CNC tooling. Fundamentals of Part programming, Types of format
	16	170760119085	RAJPUT SHIVAM SUDHIRSINGH	
	17	170760119086	RAMANI ASHISHKUMAR MAHESHBHAI (L)	
	18	170760119087	SAHOO RITESH BIDYADHAR	
	19	170760119088	SAIYED MOHAMMADKAYUM ASIFALI	
M2G5	20	170760119089	SALOT PARSHVA JALPESHBHAI	Part Programming for drilling, lathe and milling machine operations, subroutines, do loops, canned Cycles, parametric sub routines.
	21	170760119090	SASANI PRERAK MANSUKHBHAI	
	22	170760119091	SASAPARA DARSHIT BABUBHAI	
	23	170760119092	SATANI URAVESHKUMAR DAMODARBHAI (L)	
	24	170760119094	SHAH AMAN BALMIKI	
M2G6	25	170760119096	SHINDE HARSH MANOHAR	Programmable Logic Controllers: Relay Device components, Programmable controller architecture, programming a programmable controller, tools for PLC logic design.
	26	170760119097	SINDAM MADHU VENKATESHWAR	
	27	170760119098	SINGH SUMIT BRIJESH	
	28	170760119099	SOJITRA BHUMIT NILESHBHAI	
	29	170760119100	SOLANKI AMIT HASMUKHBHAI (L)	
M2G7	30	170760119102	SONANI YASH SHAMBHUBHAI	Group Technology and CAPP: Introduction, part families, part classification and coding systems: OPITZ, PFA, FFA, Cell design, rank order clustering, composite part concepts
	31	170760119103	SONI MEET MAHENDRA (L)	
	32	170760119104	SUTARIYA SAHIL BALDEVBHAI	
	33	170760119105	TALAVIA SWARKUMAR HASMUKHBHAI	
	34	170760119106	TALAVIYA SANKETKUMAR ASHOKBHAI	
M2G8	35	170760119107	TANDEL UJJVALKUMAR PIYUSHKUMAR (L)	Benefits of group technology. Approaches to Process Planning, Different CAPP system, application and benefits.
	36	170760119108	TANK PARTH MANSUKHBHAI	
	37	170760119109	TEJANI DHRUVIT UMESHBHAI	
	38	170760119110	THESIYA PARTH BHAVANBHAI	
M2G9	39	170760119112	UKANI CHIRAG KANUBHAI (L)	Flexible Manufacturing System: Introduction & Component of FMS, Needs of FMS, general FMS consideration, Objectives, Types of flexibility and FMS, FMS lay out and advantages, Automated material handling system: Types and Application
	40	170760119113	VADCHHAK JAYDIPBHAI PRABHUBHAI	
	41	170760119114	VAGHASIYA YAGNIK LASHKARBHAI	
	42	170760119115	VARIYA FENIL ASHOKBHAI	
	43	170760119116	VASOYA DHAVAL RAJESHBHAI	
M2G10	44	170760119117	VIRANI ZEEL LALITBHAI	Automated Storage and Retrieval System, Automated Guided Vehicles, Cellular manufacturing, Tool Management, Tool supply system, Tool Monitoring System, Flexible Fixturing, Flexible Assembly Systems
	45	180763119025	MULTANI NAWAZ HANIFBHAI (L)	
	46	180763119026	NANAVATI DHRUMIL JIGNESHBHAI	
	47	180763119027	PANCHAL JUGAL DINESHBHAI	
	48	180763119028	PANDAV BHUMIT KISHORBHAI	
M2G11	49	180763119029	PAREKH SHIVANG DATTUBHAI	Robot Technology: Introduction: Robot Anatomy, Laws of Robot, Human System and Robotics, Coordinate system, Specifications of Robot. Power sources, actuators and Transducers, Robotic Sensors, Grippers
	50	180763119030	PARMAR DHRUVKUMAR PRAKASHBHAI	
	51	180763119031	PARMAR JAYKUMAR RAMESHBHAI	
	52	180763119032	PARMAR YASHKUMAR MOHANBHAI (L)	
	53	180763119033	PATEL VATSAL PRAFULBHAI	

M2G12	54	180763119035	PATIL JAYESH PRAVINBHAI	Robot Safety, Robot Programming and Robot Applications, Economic Considerations of Robotics system, Robot Kinematics and Dynamics, Robot Arm Dynamics. Concepts of Computer Vision and Machine Intelligence
	55	180763119036	PATIL LOKESH DILIP	
	56	180763119037	PATIWALA DISHANT KISHORBHAI (L)	
	57	180763119038	RANALAWALA BURHANUDDIN MURTAZA	
	58	180763119039	RATHOD PANKAJ RAMESHBHAI	
M2G13	59	180763119040	SHAH NISHIL RAJENDRABHAI	Integrated Production Management System: Introduction, PPC fundamentals, Problems with PPC, MRP-I, MRP-II.
	60	180763119041	SHAIKH MOHAMMEDSIDDIQ MOHA. (L)	
	61	180763119042	SHETTY RAJATH VIJAYA	
	62	180763119043	SOLANKI KRUPAL BHUPATSINH	
	63	180763119044	VADUKIYA UMANG NAROTTAMBHAI	
M2G14	64	180763119045	VAKTANA MIHIRKUMAR GIRISHBHAI	Just in Time philosophy: JIT & GT applied to FMS, concepts of Expert System in Manufacturing and Management Information System.
	65	180763119046	YADAV ARVIND SHYAMRAJ (L)	
	66	180763119047	ZALAVADIYA DHRUVIL VASANTKUMAR	
	67	180764119001	VARIYA SUDHEER JAYSUKHBHAI	

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