

Shree Swami Atmanand Saraswati Institute of Technology, Surat

Department of Mechanical Engineering

B.E.- 4th Year (7th Semester) Mech-1

CAM Subject Presentation List

| Group ID | Sr. No. | Enrolment No. | Students Name | Presentation Topic |
|----------|---------|---------------|-----------------------------------|--|
| M2G1 | 1 | 140760119019 | DESAI DIVYANSH YOGESHBHAI | Computer Aided Manufacturing: CAM Concepts, Objectives & scope, Nature & Type of Manufacturing System, Evolution, Benefits of CAM |
| | 2 | 160760119040 | GYANCHANDANI SHYAMSUNDAR | |
| | 3 | 160760119095 | PILUDARIA DHRUV GAJENDRASINH | |
| | 4 | 160760119117 | TANDEL VATSAL SHANKARBHAI | |
| M2G2 | 5 | 170760119001 | AGRAVAT MEET MUKESHKUMAR | 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 | 170760119002 | ALKARI ABHISEK HITESHBHAI | |
| | 7 | 170760119004 | ASTIK GOPAL KAUSHIKKUMAR | |
| | 8 | 170760119005 | BAGADIYA SMIT DHIRUBHAI | |
| | 9 | 170760119006 | BARDOLIA HARDIK HIRENBHAI | |
| M2G3 | 10 | 170760119009 | BHANDARI DHRUVAL BIPINBHAI | NC/CNC Machine Tools: NC and CNC Technology: Types, Classification, Specification and components, Construction Details, Controllers, Sensors and Actuators |
| | 11 | 170760119010 | BHATIA RAHUL ASHWANI | |
| | 12 | 170760119011 | BHUVA TUSHAR SURESBHAI | |
| | 13 | 170760119013 | BORDA RAJAN PARVINBHAI | |
| | 14 | 170760119014 | BOSS JAYDEEP KRISHNAKANT | |
| M2G4 | 15 | 170760119015 | CHABHADIYA RAVIKUMAR BABUBHAI | 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 | 170760119017 | CHOVATIYA MILIND NARESHBHAI | |
| | 17 | 170760119020 | DEVGANIYA PRATIKKUMAR GUNVANTBHAI | |
| | 18 | 170760119022 | DOBARIYA DEV BHARATBHAI | |
| | 19 | 170760119024 | GADHAVI HARSHIL YOGESHBHAI | |
| M2G5 | 20 | 170760119025 | GADHIYA VIVEK PRAVINBHAI | Part Programming for drilling, lathe and milling machine operations, subroutines, do loops, canned Cycles, parametric sub routines. |
| | 21 | 170760119026 | GAJERA HARSHIT RAJUBHAI | |
| | 22 | 170760119030 | JAIN JINESH VINODBHAI | |
| | 23 | 170760119031 | JAMDEKAR DARSHANKUMAR DATTABHAI | |
| | 24 | 170760119032 | JARIWALA AKASH DEVENDRAKUMAR | |
| M2G6 | 25 | 170760119033 | JARIWALA VISHAL YOGESHKUMAR | Programmable Logic Controllers: Relay Device components, Programmable controller architecture, programming a programmable controller, tools for PLC logic design. |
| | 26 | 170760119036 | KALATHIYA MEHUL ASHISHBHAI | |
| | 27 | 170760119037 | KAMANI PARTHKUMAR MANSUKHBHAI | |
| | 28 | 170760119038 | KANANI JEMISH VIPULBHAI | |
| | 29 | 170760119040 | KHENI JAYKUMAR PRAVINBHAI | |
| M2G7 | 30 | 170760119041 | KHUNT PARAS DINESHBHAI | Group Technology and CAPP: Introduction, part families, part classification and coding systems: OPITZ, PFA, FFA, Cell design, rank order clustering, composite part concepts |
| | 31 | 170760119043 | KOTADIYA PARTH DEVCHANDBHAI | |
| | 32 | 170760119044 | KOTADIYA RENISH MAHESHBHAI | |
| | 33 | 170760119045 | KOTADIYA YASH JAYANTIBHAI | |
| | 34 | 170760119046 | KOTHIYA YOGESHKUMAR RAMESHBHAI | |
| M2G8 | 35 | 170760119047 | KUMAWAT UMESH SHANKARLAL | Benefits of group technology. Approaches to Process Planning, Different CAPP system, application and benefits. |
| | 36 | 170760119048 | LIMBACHIYA HARMIT MANISHKUMAR | |
| | 37 | 170760119049 | MAHASKAR ANKUR ARUNBHAI | |
| | 38 | 170760119050 | MAKWANA KAUSHIK JAGDISHBHAI | |
| M2G9 | 39 | 170760119054 | MEHTA HARSHIL NIMESHBHAI | 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 | 170760119055 | MODI NAINSKUMAR PRAGNESHKUMAR | |
| | 41 | 170760119056 | MODI RUSHABH MANISHBHAI | |
| | 42 | 170760119059 | NAKRANI DHRUVILKUMAR LALJIBHAI | |
| | 43 | 170760119061 | PAREKH ABHISEK JAYESH | |
| M2G10 | 44 | 170760119065 | PARMAR RAVIKUMAR KISHORBHAI | Automated Storage and Retrieval System, Automated Guided Vehicles, Cellular manufacturing, Tool Management, Tool supply system, Tool Monitoring System, Flexible Fixturing, Flexible Assembly Systems |
| | 45 | 180763119001 | BALDANIYA MAYURKUMAR VELJIBHAI | |
| | 46 | 180763119002 | BARIYA SANKET BHAVESHKUMAR | |
| | 47 | 180763119003 | BAROT VIVEK PARIMALKUMAR | |
| | 48 | 180763119004 | BHAGAT MOHIL HARISHKUMAR | |
| M2G11 | 49 | 180763119006 | BHISRA AKASH MANISHKUMAR | 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 | 180763119007 | CHUDASAMA NIRAVKUMAR SHANTILAL | |
| | 51 | 180763119008 | DHAMELIYA ARTH PANKAJBHAI | |
| | 52 | 180763119009 | DHOLAKIYA NAINESH DINESHBHAI | |
| | 53 | 180763119010 | DUBEY BHARGAV YOGESH | |

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| M2G12 | 54 | 180763119011 | JARIWALA DEVANSHU SATISHKUMAR | 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 | 180763119012 | KAGZI MOHAMMEDFAIZAAN | |
| | 56 | 180763119013 | KATARIYA YASHKUMAR LAXMIKANTBHAI | |
| | 57 | 180763119014 | KHUMRI HATIM MUSTAFABHAI | |
| | 58 | 180763119015 | KUKADIYA MAYURKUMAR KHODIDASBHAI | |
| M2G13 | 59 | 180763119016 | LAD JENISHKUMAR UMESHBHAI | Integrated Production Management System: Introduction, PPC fundamentals, Problems with PPC, MRP-I, MRP-II. |
| | 60 | 180763119017 | LAKHANI HARDIK DHARAMSHIBHAI | |
| | 61 | 180763119018 | MAKWANA DHAVALKUMAR ARVINDBHAI | |
| | 62 | 180763119019 | MAKWANA HIRALKUMAR | |
| | 63 | 180763119020 | MAKWANA MITULKUMAR | |
| M2G14 | 64 | 180763119021 | MAKWANA RUTVIK ASHOKKUMAR | Just in Time philosophy: JIT & GT applied to FMS, concepts of Expert System in Manufacturing and Management Information System. |
| | 65 | 180763119022 | MAVANI AJAY BHARATBHAI | |
| | 66 | 180763119023 | MEHTA VATSAL MEHULKUMAR | |
| | 67 | 180763119024 | MIYATRA MUMUXU NARANKUMAR | |

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