

RVS COLLEGE OF ENGINEERING AND TECHNOLOGY

COIMBATORE - 641 402

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2022-23 [ODD SEMESTER]

ACADEMIC CALENDAR

| MONTH / DAY | DATE | AUGUST '22 | DATE | SEPTEMBER'22 | DATE | OCTOBER '22 | DATE | NOVEMBER'22 | DATE | DECEMBER'22 |
|-------------|------|--|------|--|------|--|------|---|------|--|
| MON | 1 | | | | | | | | | |
| TUE | 2 | | | | | | 1 | | | |
| WED | 3 | Department Staff Meeting | | | | | 2 | Guest Lecture/ Seminar | | |
| THU | 4 | | 1 | | | | 3 | Submission of Question Paper For Internal Assessment Test-III | 1 | Commencement of University End Semester Examinations |
| FRI | 5 | | 2 | | | | 4 | Department Staff Meeting | 2 | |
| SAT | 6 | Holiday | 3 | Holiday | 1 | Holiday | 5 | Holiday | 3 | Holiday |
| SUN | 7 | Holiday | 4 | Holiday | 2 | Holiday | 6 | Holiday | 4 | |
| MON | 8 | | 5 | Teachers Day | 3 | | 7 | Commencement of Internal Assessment Test-III for III & IV Year Classes | 5 | ONE WEEK FDP on Machine Learning Techniques |
| TUE | 9 | Muharrum-Holiday | 6 | Department Staff Meeting | 4 | Pooja-Holiday | 8 | | 6 | |
| WED | 10 | Commencement of classes for III year and IV students | 7 | Submission of Question Paper For Internal Assessment Test-I for Third and Final Year Classes | 5 | Department Staff Meeting | 9 | Guest Lecture/ Seminar | 7 | |
| THU | 11 | | 8 | Onam Holiday | 6 | Submission of Question Paper For Internal Assessment Test-II | 10 | | 8 | |
| FRI | 12 | | 9 | | 7 | | 11 | Department Staff Meeting | 9 | |
| SAT | 13 | Department Staff Meeting | 10 | Commencement of Internal Assessment Test-I for III & IV Year Classes | 8 | Guest Lecture/ Seminar | 12 | End of Internal Assessment Test-IV for III & IV Year Classes/Faculty Logbook Submission | 10 | |

| MONTH / DAY | DATE | AUGUST '22 | DATE | SEPTEMBER '22 | DATE | OCTOBER '22 | DATE | NOVEMBER '22 | DATE | DECEMBER '22 |
|-------------|------|--|------|---|------|---|------|--|------|--------------|
| SUN | 14 | Holiday | 11 | Holiday | 9 | Holiday | 10 | Holiday | 11 | Holiday |
| MON | 15 | Independence day-Holiday | 12 | | 10 | Commencement of Internal Assessment Test-II for III & IV Year Classes | 14 | Commencement of Internal Assessment Test-III for II Year Classes | 12 | |
| TUE | 16 | | 13 | Department Staff Meeting | 11 | Faculty Logbook Submission | 15 | Feed back Collection form Students | 13 | |
| WED | 17 | | 14 | Submission of Question Paper For Internal Assessment Test-I for Second Year Classes | 12 | | 16 | Faculty Logbook Submission | 14 | |
| THU | 18 | | 15 | Engineers Day | 13 | | 17 | Submission of Internal Assessment Test-III mark statement | 15 | |
| FRI | 19 | | 16 | | 14 | Department Staff Meeting | 18 | Third Class Committee Meeting for II, III, IV year students | 16 | |
| SAT | 20 | Holiday | 17 | End of Internal Assessment Test-I for II Year Classes | 15 | End of Internal Assessment Test-II for III & IV Year Classes | 19 | End of Internal Assessment Test-I for III & IV Year Classes/ Last Working Day | 17 | Holiday |
| SUN | 21 | Holiday | 18 | Holiday | 16 | Holiday | 20 | Holiday | 18 | Holiday |
| MON | 22 | Commencement of classes for II year students | 19 | | 17 | Commencement of Internal Assessment Test-II for II Year Classes | 21 | Commencement of University Practical Examinations | 19 | |
| TUE | 23 | | 20 | Commencement of Internal Assessment Test-I for II Year Classes | 18 | | 22 | | 20 | |
| WED | 24 | | 21 | Submission of Internal Assessment Test-I mark statement | 19 | Techfest'22 | 23 | | 21 | |
| THU | 25 | | 22 | | 20 | | 24 | | 22 | |
| FRI | 26 | Faculty Logbook Submission | 23 | Guest Lecture/ Seminar | 21 | Guest Lecture/ Seminar | 25 | Department Staff Meeting | 23 | |

| MONTH / DAY | DATE | AUGUST '22 | DATE | SEPTEMBER'22 | DATE | OCTOBER '22 | DATE | NOVEMBER'22 | DATE | DECEMBER'22 |
|----------------------|------|---------------------------|------|--|------|---|------|-------------|------|-------------|
| SAT | 27 | Department Staff Meeting | 24 | End of Internal Assessment Test-I for II Year Classes | 22 | End of Internal Assessment Test-II for II Year Classes | 26 | | 24 | |
| SUN | 28 | Holiday | 25 | | 23 | Submission of Internal Assessment Test-II mark statement | 27 | Holiday | 25 | Holiday |
| MON | 29 | Guest Lecture/ Seminar | 26 | Value added Course on "Data Science with R Programming" for Second Year Students | 24 | Diwali-Holiday | 28 | | 26 | |
| TUE | 30 | | 27 | First Class Committee Meeting for II, III,IV year students | 25 | Second Class Committee Meeting for II, III,IV year students | 29 | | 27 | |
| WED | 31 | Ganesh Chaturthi- Holiday | 28 | Value added Course on "Big Data and Hadoop" for Third Year Students | 26 | Webinar/Faculty Logbook Submission | 30 | | 28 | |
| THU | | | 29 | Department Staff Meeting | 27 | Department Staff Meeting | | | 29 | |
| FRI | | | 30 | Workshop | 28 | Webinar | | | 30 | |
| SAT | | | | | 29 | | | | 31 | |
| MON | | | | | 30 | | | | | |
| TUE | | | | | 31 | Webinar | | | | |
| Monthly working days | | 16 | | 26 | | 25 | | 16 | | |


Staff In Charge


HOD-CSE


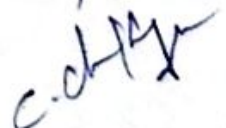

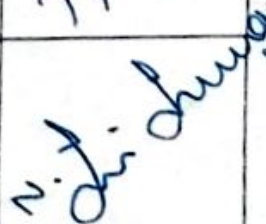
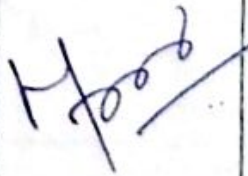

PRINCIPAL



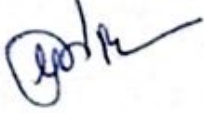
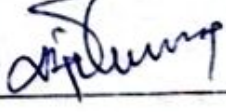
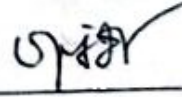
Dr. K. KARUPPASAMY M.E., Ph.D.,
Professor & Head
Dept. of Computer Science & Engineering
RVs College of Engg. & Technology
Coimbatore - 641 402

RVS College of Engineering and Technology

DEPARTMENT OF MECHANICAL ENGINEERING

Subject Allocation for the Academic Year 2022-23 (EVEN Semester)

| S.No | NAME OF THE FACULTY | Theory-I | Theory-II | Theory-III | Lab-I | Lab-II | Remarks/Sign |
|------|------------------------|---|--|---------------------------------------|---|--|---|
| 1 | Dr.V.R.SIVAKUMAR | Thermal Engineering (II MECH) | | | Project WORK (IV MECH) | |  |
| 2. | Dr.C.CHANAKYAN | Theory of Machines (II MECH) | Engineering Graphics (I CSE- A) | | Design and Fabrication Project (IV MECH) | Engineering Practices lab (I CSE-A) |  |
| 3. | Mr.T.T.NANJUNDAMOORTHI | Design of Transmission Systems (III MECH) | Principles of Management (IV MECH) | Engineering Graphics (I ECE- B) | Project WORK (IV MECH) | |  |
| 4. | Mr.N.SRISARAVANAN | Computer Aided Design and Manufacturing (III MECH) | Engineering Graphics (I MECH & I PCE) | | Engineering Practices lab (I MECH & I PCE) | |  |
| 5. | Mr.V.HARI GANESH | Heat and Mass Transfer (III MECH) | Engineering Graphics (I AI&DS) | | Thermal Engineering Laboratory (II MECH) | Engineering Practices lab (I AI&DS) |  |

| | | | | | | | |
|-----|------------------------------|--|--|--|--|-------------------------------------|---|
| 6 | Mr.S.RAFICK | Hydraulics and Pneumatics (II MECH & III MECH) | Basil Civil and Mechanical Engineering (I EEE) | | Engineering Practices lab (I ECE-B) | |  |
| 7. | Mrs.V.KAVITHA | Manufacturing Technology (II MECH) | Engineering Graphics (I CSE-B) | | Strength of Materials and Fluid Machinery Laboratory (II MECH) | Engineering Practices lab (I CSE-B) |  |
| 8. | Mr.G.YUVARAJ. | Strength of Materials (II MECH) | Engineering Graphics (I EEE) | | CAD / CAM Laboratory (III MECH) | Engineering Practices lab (I EEE) |  |
| 9. | Mr.C.SENTHILKUMAR | Automobile Engineering (III MECH) | Entrepreneurship Development (II MECH) | | | |  |
| 10. | Mr. P.UTCHIMAHALI MUTHU RAJA | Finite Element Analysis (III MECH) | Engineering Graphics (I ECE -A) | | Engineering Practices lab (I ECE-A) | |  |


HOD/MECH

V. R. SIVAKUMAR, M.E., Ph.D.,
Head of the Department,
Department of Mechanical Engineering,
RVS College of Engg. & Techn.,
Coimbatore- 641 402.


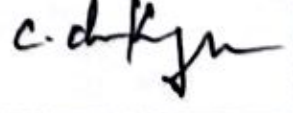

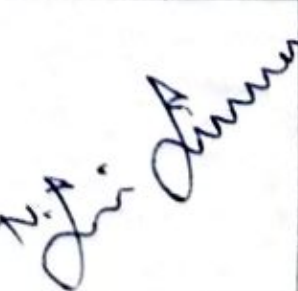
RVS COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING

SUBJECT WILLINGNESS

2022-2023 (EVEN SEMESTER)

The staff members are requested to fill their willingness to handle the subject (theory & practical) for forth coming semester.

| S.NO | NAME OF THE STAFF | Subject Willingness of Staff | | | | Sign. |
|------|------------------------|------------------------------------|-------------------------------------|---------------------------------|---------------------------------------|---|
| | | Theory | | | Practical | |
| 1. | Dr.V.R.SIVAKUMAR | TE (II year) | Pom (IV year) | EP (IV year) | Project work (IV year) |  |
| 2. | Dr.C.CHANAKYAN | Manufacturing Technology -II | Theory of Machines | Engineering Graphics | Design and Fabrication Project. |  |
| 3. | Mr.T.T.NANJUNDAMOORTHY | Pom (IV year) | DTS (II year) | MT (II year) | Project |  |
| 4. | Mr.N.SRISARAVANAN | EG (I st year) | CAD/CAM (III rd year) | FEA (III rd year) | EP Lab (I st year) |  |

| | | | | | | |
|-----|-------------------------------|-------------------|-----------------|-----------------------|---------------------|---|
| 5. | Mr.V.HARI GANESH | HMT (III year) | EG (I year) | TE (II year) | FP Lab (I year) | <i>[Signature]</i> |
| 6. | Mr.C.SENTHILKUMAR | AE (III year) | ED (IV year) | TE (II year) | TE Lab (II year) | <i>[Signature]</i> |
| 7. | Mr.S.RAFICK | HPS II YR | HPS II YEAR | BCME I YR | EP Lab | <i>[Signature]</i> |
| 8. | Mrs.V.KAVITHA | EGM | EG | IT | EP Lab | <i>[Signature]</i> |
| 9. | Mr.G.YUVARAJ | SOM II yr | EG I yr | Prof. ethics II yr | SOM lab IV | <i>[Signature]</i> Head/can lab VI |
| 10. | Mr.P.UTCHIMAHALI MUTHURAJA | EG I YR | FEA III YR | TOM II YR | EP lab I YR. | <i>[Signature]</i> |


V. R. SRINIVASAN M.E., Ph.D.,
 Head of the Department,
 Department of Mechanical Engineering,
 RVS College of Engg. & Techn.,
 Coimbatore- 641 402.

| | | |
|---------------------------|--------|---------------------------------------|
| PROFESSIONAL ELECTIVE E-3 | PM8082 | Water Treatment and Management (WTM) |
| | CH8072 | Fluidization Engineering (FE) |
| | PM8071 | Chemical Process Design (CPD) |
| | PE8073 | Enhanced Oil Recovery (EOR) |
| | GE8074 | Human Rights (HR) |
| | CH8077 | Process Modeling and Simulation (PMS) |

| | | |
|---------------------------|--------|--|
| PROFESSIONAL ELECTIVE E-4 | PM8079 | Petroleum Process Equipment Auxiliaries (PPEA) |
| | PE8074 | Multicomponent Distillation (MCD) |
| | PE8075 | Petroleum Corrosion Technology (PCT) |
| | PM8081 | Refinery Process Design (RPD) |

| | | |
|---------------------------|--------|--|
| PROFESSIONAL ELECTIVE E-5 | PE8079 | Storage Transportation of Crude Oil and Natural gas (STCN) |
| | PE8078 | Reservoir Characterization and Modeling (RCM) |
| | PM8077 | Petrochemical Derivatives (PCD) |
| | GE8077 | Total Quality Management (TQM) |

| | | |
|-------------------|--------|---|
| OPEN ELECTIVE E-2 | OGI751 | Climate Change and Its Impact (CCI) |
| | OME751 | Design of Experiments (DOE) |
| | OCE751 | Environmental and Social Impact Assessment (ESIA) |
| | OAE751 | Fundamentals of combustion (FOC) |
| | OEN751 | Green Building Design (GBD) |
| | OME754 | Industrial Safety (IS) |
| | ORO751 | Nano Computing (NC) |
| | OML753 | Selection of Materials (SOM) |
| | OML751 | Testing of Materials (TOM) |



HOD-PCE

Dr. R.KANNAN, A.M.I.E., M.Tech., Ph.D.,

Professor & Head

Department of Petrochemical Engg

RVS College of Engineering and

Sulur, Coimbatore - 641 021

RVS COLLEGE OF ENGINEERING AND TECHNOLOGY, COIMBATORE - 641402

ELECTIVE LIST

Department: B.E Petrochemical Engineering

Batch: 2020-2024

Semester: V

Year : III Year

Academic Year: 2022-2023

| S.No | Reg. No | Name of the Student | PROFESSIONAL ELECTIVE-I | | | | | OPEN ELECTIVE-I | | | | | | | | | | | SIGNATURE |
|------|--------------|---------------------|-------------------------|-----|----|------|----|-----------------|----|-----|-----|-----|-----|-----|-----|------|-----|-----------------|--------------|
| | | | PUP | IIA | PT | NCHS | DM | APE | CC | CSE | BCT | ECM | FCC | GIS | HWM | PWRM | RES | | |
| 1 | 712820139001 | ABISH L | ✓ | | | | | | | | | | | | | | | ✓ | Abish L |
| 2 | 712820139002 | AKASH A | ✓ | | | | | | | | | | | | | | | ✓ | Akash A |
| 3 | 712820139003 | BALAMUGESH M | ✓ | | | | | | | | | | | | | | | ✓ | Balamugesh M |
| 4 | 712820139004 | CHIRANJIVI K | ✓ | | | | | | | | | | | | | | | ✓ | Chiranjivi K |
| 5 | 712820139005 | DHANASEKARAN M | ✓ | | | | | | | | | | | | | | ✓ | Dhanasekaran M | |
| 6 | 712820139006 | HARI PRASATH J | ✓ | | | | | | | | | | | | | | ✓ | Hari Prasath J | |
| 7 | 712820139007 | JERISH H | ✓ | | | ✓ | | | | | | | | | | | ✓ | Jerish H | |
| 8 | 712820139008 | KARTHICK S | ✓ | | | | | | | | | | | | | | ✓ | Karthick S | |
| 9 | 712820139009 | MARIKANI M | ✓ | | | | | | | | | | | | | | ✓ | Marikani M | |
| 10 | 712820139010 | SANJAY J | ✓ | | | | | | | | | | | | | | ✓ | Sanjay J | |
| 11 | 712820139011 | SANTHOSHKUMAR T | ✓ | | | | | | | | | | | | | | ✓ | Santhoshkumar T | |
| 12 | 712820139012 | SMITH S | ✓ | | | | | | | | | | | | | | ✓ | Smith S | |
| 13 | 712820139014 | VISHNU V P J | ✓ | | | | | | | | ✓ | | | | | | ✓ | Vishnu V P J | |
| 14 | 712820139015 | YUVARAJ U | ✓ | | | | | | | | | | | | | | ✓ | Yuvaraj U | |
| 15 | 712820139301 | EBINDHAS Y | | | | ✓ | | | | | | | | | | | ✓ | Ebindhas Y | |
| 16 | 712820139302 | GNANAVEL S | ✓ | | | | | | | | | | | | | | ✓ | Gnanavel S | |
| 17 | 712820139303 | JANARDHANAN K | ✓ | | | | | | | | | ✓ | | | | | ✓ | Janardhanan K | |
| 18 | 712820139304 | JEGANATHAN M | ✓ | | | | | | | | | | | | | | ✓ | Jeganathan M | |
| 19 | 712820139305 | MUGESH P | ✓ | | | | | | | | | | | | | | ✓ | Mugesh P | |
| 20 | 712820139306 | MUHAMMED AFREED | | | | | | | ✓ | | | | | | | | ✓ | Muhammed Afreed | |
| 21 | 712820139307 | PRASATH K | | | | ✓ | | | | | | | | | | | ✓ | Prasath K | |
| 22 | 712820139308 | PRAVEEN B | ✓ | | | | | | ✓ | | | | | | | | ✓ | Praveen B | |
| 23 | 712820139309 | RANJIT T | ✓ | | | | | | | | | | | | | | ✓ | Ranjit T | |
| 24 | 712820139310 | SANJAI C | ✓ | | | | | | | | | | | | | | ✓ | Sanjai C | |
| 25 | 712820139311 | SANTHOSHKUMAR S | ✓ | | | | | | ✓ | | | | | | | | ✓ | Santhoshkumar S | |
| 26 | 712820139312 | SUBASH B | ✓ | | | | | | | | | | | | | | ✓ | Subash B | |

| | | |
|----------------------------|--------|---|
| PROFESSIONAL ELECTIVE-1 | PM8078 | Petrochemical Unit Processes (PUP) |
| | PM8075 | Instrumentation and Instrumental Analysis (IIA) |
| | CH8094 | Polymer Technology (PT) |
| | PM8076 | Non-Conventional hydrocarbon sources (NCHS) |
| | GE8071 | Disaster Management (DM) |

| | | |
|--------------------|--------|---|
| OPEN ELECTIVE-1 | OCE551 | Air Pollution and Control Engineering (APE) |
| | OIT552 | Cloud Computing (CC) |
| | OEC551 | Control Systems Engineering (CSE) |
| | OIC501 | Basic Control Theory (BCT) |
| | OME551 | Energy Conservation and Management (ECM) |
| | OCY552 | Fuel Cell Chemistry (FCC) |
| | OCE552 | Geographic Information System (GIS) |
| | OMD552 | Hospital Waste Management (HWM) |
| | OAI552 | Participatory Water Resources Management (PWRM) |
| | ORO551 | Renewable Energy Sources (RES) |

K. R. Kannan
R. Kannan

HOD-PCE

Dr. R.KANNAN, A.M.I.E., M.Tech., Ph.D.,
Professor & Head

Department of Petrochemical Engineering
RVS College of Engineering and Technology
Sulur, Coimbatore - 641 402.



RVS COLLEGE OF ENGINEERING AND TECHNOLOGY

COIMBATORE - 641402

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CLASS TIME TABLE - ODD SEM (2022 - 2023)

| | | | |
|----------------------------------|--------------|--------|---------------------|
| Class & Semester: II CSE -A& III | Hall No: 205 | VER: 1 | w.e.f. : 22-08-2022 |
|----------------------------------|--------------|--------|---------------------|

| DAY / PERIOD | 09.00AM-09.50AM | 09.50AM-10.40AM | | | 10.55AM-11.45AM | 11.45AM-12.35PM | | | 01.25PM-02.15PM | 02.15PM-3.05PM | | | 03.15PM-04.00PM | 04.00PM-04.45PM |
|--------------|-----------------|-----------------|--------|------|-----------------|-----------------|----------|---------|-----------------|----------------|--|--|-----------------|-----------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | |
| MON | DM | DS | DSD/PD | | OOPS | FDS | LIB/IEDC | | DSD | | | | | |
| TUE | DATA SCIENCE | | LAB | | DM | FDS | DS | | FDS | | | | | |
| WED | DSD | OOPS | DS | FDS | DM | OOPS | DSD/PD | | | | | | | |
| THU | OOPS | DM | DSD | DM | OOPS | | LAB | | | | | | | |
| FRI | FDS | DM | DS | OOPS | DS | | LAB | | | | | | | |
| SAT | DS | DM | FDS | OOPS | DSD | DS | FDS | MMM/PET | | | | | | |

| Subject Code | Subject Name | Staff Name | Tot. Hrs |
|--------------|---|--------------------------------------|----------|
| MA3354 | Discrete Mathematics | Dr.K.Sivakami | 7 |
| CS3352 | Digital System Design and Computer Organization | Dr.R.Kannan | 8 |
| CS3353 | Foundations of Data Science | Prof.S.Anuba | 7 |
| CS3351 | Data Structures | Prof.M.Mohanasundharam | 6 |
| CS3391 | Object Oriented Programming | Prof.C.Saranya | 6 |
| CS3361 | Data Structures Lab | Prof.M.Mohanasundharam | 4 |
| CS3381 | Object Oriented Programming Lab | Prof.C.Saranya | 4 |
| CS3362 | Data Science Lab | Prof.S.Anuba | 4 |
| GE3361 | Professional Development | Prof.M.S.Pavithra | 4 |
| | Library (LIB)/IEDC/ MENTOR/PET | Prof.M.Mohanasundharam/ Prof.S.Anuba | 2 |

| | |
|-------------------|------------------------|
| CLASS ADVISOR | Prof.M.Mohanasundharam |
| MENTORS | Prof.S.Anuba |
| Date : 18.08.2022 | Signature of HoD |



RVS COLLEGE OF ENGINEERING AND TECHNOLOGY

COIMBATORE - 641402

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CLASS TIME TABLE - ODD SEM (2022 - 2023)

| | | | |
|-------------------------------|--------------|--------|------------------|
| Class & Semester: III CSE & V | Hall No: 206 | VER: I | w.e.f.:10-8-2022 |
|-------------------------------|--------------|--------|------------------|

| DAY / PERIOD | 09.00AM-09.50AM | 09.50AM-10.40AM | B R E A K | 10.55AM-11.45AM | 11.45AM-12.35PM | L U N C H | 01.25PM-02.15PM | 02.15PM-3.05PM | B R E A K | 03.15PM-04.00PM | 04.00PM-04.45PM |
|--------------|-----------------|-----------------|-----------------------|-----------------|-----------------|-----------------------|-----------------|----------------|-----------------------|---|-----------------|
| D | 1 | 2 | | 3 | 4 | | 5 | 6 | | 7 | 8 |
| MON | OOAD | TOC | | ANT | APCE | | | | | OOAD LAB | |
| TUE | CN | ANT | | MPMC | OOAD | | | | | N/W LAB (BATCH-I)/ MP LAB (BATCH-II) | |
| WED | APCE | MPMC | | CN | TOC | | ANT | CN | | APCE | OOAD |
| THU | TOC | CN | | MPMC | ANT | | | | | N/W LAB (BATCH-II)/ MP LAB (BATCH-I) | |
| FRI | ANT | TOC | | CN | MPMC | | APCE | OOAD | | MPMC | TOC |
| SAT | MPMC | APCE | | ANT | CN | | OOAD | TOC | | LIB/IEDC | MENTOR/PET |

| Sub code | Subject Name | Staff Name | Tot. Hrs |
|----------|---|---------------------------------------|----------|
| MA8551 | Algebra and Number Theory | Dr.P.Selvaraju-PS | 6 |
| CS8591 | Computer Networks | Dr.K.Arunkumar | 6 |
| EC8691 | Microprocessors and Microcontrollers | Prof.R.Rajkumar-RR | 6 |
| CS8501 | Theory of Computation | Prof.K.Pradeep-KP | 6 |
| CS8592 | Object Oriented Analysis and Design | Prof.M.Gowri-MG | 5 |
| OCE551 | Air Pollution and Control Engineering | Prof.K.Brindha -KB | 5 |
| EC8681 | Microprocessors and Microcontrollers Laboratory | Prof.R.Rajkumar-RR | 8 |
| CS8582 | Object Oriented Analysis and Design Laboratory | Prof.M.Gowri-MG | 4 |
| CS8581 | Networks Laboratory | Prof.K.Pradeep-KP | 8 |
| | Library (LIB) / MENTOR | Prof.M.Gowri-MG/ Prof.K.Pradeep-KP | 2 |

| | | | |
|------------------|---|--|--|
| CLASS ADVISOR | Prof.M.Gowri (712819104001,03-21) (712819104022-33,35,37-42) | | |
| MENTORS | Prof.K.Pradeep (712820104043-47,712820104301,03,04,08,13-15,712820104701-707) | | |
| Date : 6.08.2022 | Signature of HoD | | |



RVS COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE - 641402
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CLASS TIME TABLE - ODD SEM (2022- 2023)

| | | | |
|--------------------------------|--------------|-------|------------------|
| Class & Semester: IV CSE & VII | Hall No: 207 | VER:1 | w.e.f.:10-8-2022 |
|--------------------------------|--------------|-------|------------------|

| DAY / PERIOD | 09.00AM-09.50AM | 09.50AM-10.40AM | | 10.55AM-11.45AM | 11.45AM-12.35PM | | 01.25PM-02.15PM | 02.15PM-3.05PM | | 03.15PM-04.00PM | 04.00PM-04.45PM |
|--------------|-----------------|-----------------|-----------------------|-----------------|-----------------|--|-----------------|----------------|-----------------------|-----------------|-----------------|
| D | 1 | 2 | | 3 | 4 | | 5 | 6 | | 7 | 8 |
| MON | WWT | CC | B R E A K | CNS | WASN/ HCI | L U N C H B R E A K | | | B R E A K | CC LAB | |
| TUE | CNS | POM | | WASN/ HCI | CC | | WWT | CNS | | WWT | POM |
| WED | WASN/ HCI | WWT | | CC | CNS | | | | | SEC LAB | |
| THU | POM | CC | | WASN/ HCI | WWT | | CC | LIB/IEDC | | POM | MENTOR/ PET |
| FRI | CC | CNS | | POM | WASN/ HCI | | PRIIE | | | PRIIE | |
| SAT | WWT | WASN/ HCI | | CNS | POM | | PRIIE | | | PRIIE | |

| Subject Code | Subject Name | Staff Name | Tot. Hrs |
|---------------|--|--|----------|
| MG8591 | Principles of Management | Prof.T.T.Nanjundamoorthi-TTN | 6 |
| CS8792 | Cryptography and Network Security | Prof.M.Gowri-MG | 6 |
| CS8791 | Cloud Computing | Prof.K.Brindha -KB | 6 |
| OCY751 | Waste Water Treatment | Prof.M.Ancy-MA | 6 |
| HX8001 | Professional Readiness for Innovation Employability and Entrepreneurship | Dr.K.Arunkumar-KA | 8 |
| CS8088/CS8079 | Wireless Adhoc and Sensor Networks / Human Computer Interaction | Dr.K.Karuppasamy- KK/ K.Pradeep-KP | 6 |
| CS8711 | Cloud Computing Laboratory | Prof.K.Brindha -KB | 4 |
| IT8761 | Security Laboratory | Prof.K.Pradeep-KP | 4 |
| | Library (LIB) / MENTOR | Dr.K.Arunkumar-KA /Prof.K.Brindha -KB | 2 |

| | |
|---------------|---|
| CLASS ADVISOR | Dr.K.Arunkumar (712818104002-04,06,07,08,10-19) |
| MENTORS | Prof.K.Brindha (712818104020-21,24-28,30-34,37,39-41) (712818104042,31,37-47) |

| | |
|-----------------|--|
| Date: 6.08.2022 | Signature of HoD  |
|-----------------|--|

RVS COLLEGE OF ENGINEERING AND TECHNOLOGY, COIMBATORE - 402
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING MASTER CLASS TIME TABLE - ODD SEM (2022-2023)

VER : 1

| Days / Hour | SEM / SECTION | 09.00 AM - 09.50 AM | | 09.50 AM - 10.40 AM | | 10.55AM - 11.45AM | | 11.45AM - 12.35PM | |
|-------------|---------------|---------------------|------------|---------------------|------------|-------------------|------------|-------------------|------------|
| | | 1 | | 2 | | 3 | | 4 | |
| | | Sub. Name | Staff Name | Sub. Name | Staff Name | Sub. Name | Staff Name | Sub. Name | Staff Name |
| Monday | VII | WWT | MA | CC | KB | CNS | MG | ASN/H | KK/KP |
| | V | OOAD | MG | TOC | JJ | ANT | PS | APCE | KB |
| | III | DM | KS | DS | MM | DSD/PD | RK/MP | DSD/PD | RK/MP |
| Tuesday | VII | CNS | MG | POM | TN | ASN/H | KK/KP | CC | KB |
| | V | CN | KA | ANT | PS | MPM/C | RR | OOAD | MG |
| | III | DATA SC LAB | SA | DATA SC LAB | SA | DATA SC LAB | SA | DATA SC LAB | SA |
| Wednesday | VII | ASN/H | KK/KP | WWT | MA | CC | KB | CNS | MG |
| | V | APCE | KB | MPMC | RR | CN | KA | TOC | JJ |
| | III | DSD | RK | OOPS | CS | DS | MM | FDS | SA |
| Thursday | VII | POM | TN | CC | KB | ASN/H | KK/KP | WWT | MA |
| | V | TOC | JJ | CN | KA | MPM/C | RR | ANT | PS |
| | III | OOPS | CS | DM | KS | DSD | RK | DM | KS |
| Friday | VII | CC | KB | CNS | MG | POM | TN | ASN/H | KK/KP |
| | V | ANT | PS | TOC | JJ | CN | KA | MPM/C | RR |
| | III | FDS | SA | DM | KS | DS | MM | OOPS | CS |
| Saturday | VII | WWT | MA | ASN/H | KK/KP | CNS | MG | POM | TN |
| | V | MPMC | RR | APCE | KB | ANT | PS | CN | KA |
| | III | DS | MM | DM | KS | FDS | SA | OOPS | CS |

LUNCH BREAK

| 01.25PM - 02.15PM | | 02.15PM - 03.05 PM | | 03.15PM - 04.00 PM | | 04.00PM - 04.45PM | |
|-------------------|------------|--------------------|------------|--------------------|------------|-------------------|------------|
| 5 | | 6 | | 7 | | 8 | |
| Sub. Name | Staff Name | Sub. Name | Staff Name | Sub. Name | Staff Name | Sub. Name | Staff Name |
| CC LAB | KB | CC LAB | KB | CC LAB | KB | CC LAB | KB |
| OOAD LAB | MG | OOAD LAB | MG | OOAD LAB | MG | OOAD LAB | MG |
| OOPS | CS | FDS | SA | LIB/IE DC | MM/SA | DSD | RK |
| WWT | MA | CNS | MG | WWT | MA | POM | TN |
| N/W LAB(B1) | KP | N/W LAB(B) | KP | MPMC LAB(B2) | RR | MPMC LAB | RR |
| DM | KS | FDS | SA | DS | MM | FDS | SA |
| SEC LAB | KP | SEC LAB | KP | SEC LAB | KP | SEC LAB | KP |
| ANT | PS | CN | KA | APCE | KB | OOAD | MG |
| DM | KS | OOPS | CS | DSD/PD | RK/MP | DSD/PD | RK/MP |
| CC | KB | LIB | KA/KB | POM | TN | MMM | KA/KB |
| N/W LAB(B2) | KP | N/W LAB(B2) | KP | MPMC LAB(B1) | RR | MPMC LAB(B1) | RR |
| OOPS LAB | CS | OOPS LAB | CS | OOPS LAB | CS | OOPS LAB | CS |
| PRIEE | KA | PRIEE | KA | PRIEE | KA | PRIEE | KA |
| APCE | KB | OOAD | MG | MPMC | RR | TOC | JJ |
| DS LAB | MM | DS LAB | MM | DS LAB | MM | DS LAB | MM |
| PRIEE | KA | PRIEE | KA | PRIEE | KA | PRIEE | KA |
| OOAD | MG | TOC | JJ | LIB/IE DC | KP/MG | MMM/PET | MG/KP |
| DSD | RK | DS | MM | FDS | SA | MMM/PET | MM/SA |

STAFF DETAILS

| 1 | KK | Dr.K.Karuppusamy |
|----|----|--------------------------|
| 2 | KA | Dr.K.Arunkumar |
| 3 | PS | Dr.P.Selvaraju |
| 4 | JJ | J.JAYA |
| 5 | MM | M.Mohanasundharam |
| 6 | KB | Prof.K.Brindha |
| 7 | MG | Prof.M.Gowri, |
| 8 | CS | Prof.C.Sarunya |
| 9 | KP | Prof.K.Pradeep |
| 10 | CD | Prof.C.Dhamodharan |
| 11 | SA | Prof.S.Anubn |
| 12 | MA | M.Ancy |
| 13 | TN | Prof.T.T.Nanjandamoorthi |
| 14 | RR | Prof.R.Rajkumar |
| 15 | KS | Dr.K.Sivakani |
| 16 | RK | Dr.R.Kannan |
| 17 | MP | Prof.M.Pavithra |

SUBJECT DETAILS

| | |
|--------------|---|
| MG8591 | Principles of Management |
| CS8792 | Cryptography and Network Security |
| CS8791 | Cloud Computing |
| OCY751 | Waste Water Treatment |
| HX8001 | Professional Readiness for Innovation Employability and |
| CS8088/C8079 | Wireless Adhoc and Sensor Networks / Humnn Computer Interaction |
| CS8711 | Cloud Computing Laboratory |
| IT8761 | Security Laboratory |
| MA8551 | Algebra and Number Theory |
| CS8591 | Computer Networks |
| EC8691 | Microprocessors and Microcontrollers |
| CS8501 | Theory of Computation |
| CS8592 | Object Oriented Analysis and Design |
| OCE551 | Air Pollution and Control Engineering |
| EC8681 | Microprocessors and Microcontrollers Laboratory |
| CS8582 | Object Oriented Analysis and Design Laboratory |
| CS8581 | Networks Laboratory |
| MA3354 | Discrete Mathematics |
| CS3352 | Digital System Design and Computer Organization |
| CS3353 | Foundations of Data Science |
| CS3351 | Data Structures |
| CS3391 | Object Oriented Programming |
| CS3361 | Data Structures Lab |
| CS3381 | Object Oriented Programming Lab |
| CS3362 | Data Science Lab |
| GE3361 | Professional Development |

| | |
|-----|---------|
| 208 | II CSE |
| 207 | III CSE |
| 206 | IV CSE |



RVS COLLEGE OF ENGINEERING AND TECHNOLOGY

Anna University Solved QB 5 Units

| | | | |
|-------------------|------------------------------------|-------------|---------|
| Sub Name: | Microprocessors & Microcontrollers | Sem: | VI |
| Sub Code : | EC8691 | Year | III ECE |

Unit -1 (The 8086 Microprocessor)

PART – A Question & Answer

1. Given that (BX) = 0158 (DI) = 10A5 Displacement = 1B57 (DS) = 2100. Determine the effective address and physical address for the following addressing mode. (Apr-May 2019)

- a) Register Indirect
- b) Relative based indexed

a. Register Indirect

$$\text{Offset address} = 0158\text{H}$$

$$\text{Physical Address} = (\text{DS}) * 10\text{H} + (\text{BX}) = 2100 * 10 + 0158 = 21158\text{H}$$

$$\text{Offset address} = 10\text{A5H}$$

$$\text{Physical Address} = (\text{DS}) * 10\text{H} + (\text{DI}) = 2100 * 10 + 10\text{A5} = 220\text{A5H}$$

b. Relative based indexed

$$\text{Offset address} = 0158 + 2100 = 2258\text{H}$$

$$\begin{aligned} \text{Physical Address} &= (\text{DS}) * 10\text{H} + (\text{BX} + \text{Displacement}) = 2100 * 10 + 2258 \\ &= 23258\text{H} \end{aligned}$$

$$\text{Offset address} = 10\text{A5} + 2100 = 31\text{A5H}$$

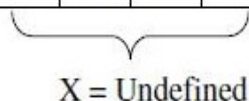
$$\begin{aligned} \text{Physical Address} &= (\text{DS}) * 10\text{H} + (\text{DI} + \text{Displacement}) = 2100 * 10 + 31\text{A5} \\ &= 241\text{A5H} \end{aligned}$$

2. What are macros? (Apr-May 2019, Nov-Dec 2018)

- ✓ Macro accessed during assembly with name
- ✓ Machine codes are generated for the instructions in the macro each time it is called
- ✓ Parameters are passed as a part of statement which is called as macro.

3. Draw the format of the flag register. (Apr-May 2019)

| | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|---|----|---|----|---|----|
| 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 1 |
| X | X | X | X | OF | DF | IF | TF | SF | ZF | X | AC | X | PF | X | CY |



 X = Undefined

| | |
|-----------|---|
| | <ol style="list-style-type: none"> 1. CF CARRY FLAG 2. PF PARITY FLAG 3. AF AUXILIARY CARRY 4. ZF ZERO FLAG 5. SF SIGN FLAG 6. OF OVERFLOW FLAG 7. TF TRAP FLAG 8. IF INTERRUPT FLAG 9. DF DIRECTION FLAG |
| 4. | <p>What is the need for interrupts in microprocessor operation? (Nov-Dec 2018)</p> <p>Interrupt is the method of creating a temporary halt during program execution and allows peripheral devices to access the microprocessor. The microprocessor responds to that interrupt with an ISR (Interrupt Service Routine), which is a short program to instruct the microprocessor on how to handle the interrupt.</p> |
| 5. | <p>What are the string manipulations instructions present in 8086? (Nov-Dec 2018)</p> <ul style="list-style-type: none"> ✓ MOVSB/MOVSX ✓ LODSB / LODSW ✓ STOSB / STOSW ✓ CMPSB / CMPSW ✓ SCASB / SCASW |
| 6. | <p>List the various addressing modes of 8086. (Apr-May 2018)</p> <ul style="list-style-type: none"> ✓ Immediate Addressing Mode ✓ Register Addressing Mode ✓ Direct Addressing Mode ✓ Register Indirect Addressing Mode ✓ Based & Indexed register Addressing Mode ✓ Register relative addressing Mode ✓ Based & Indexed register relative Addressing Mode ✓ Strings Addressing Mode |
| 7. | <p>Define stack pointer. (Apr-May 2018)</p> <p>Stack pointer is used to hold the address of the top of stack.</p> |
| 8. | <p>What are the difference between Procedures and Macros? (Nov-Dec 2017)</p> |

| S. No | Procedure | Macro |
|-------|--|--|
| 1 | Accessed by CALL and RET mechanism | Accessed during assembly with name |
| 2 | Machine code for the instructions are stored in memory once | Machine codes are generated for the instructions in the macro each time it is called |
| 3 | Parameters are passed in registers, memory location or stack | Parameters are passed as a part of statement which is called as macro. |

9. List the modes of operation in 8086. (Nov-Dec 2017)

- ✓ Minimum Mode (Control signal generated within Microprocessor)
- ✓ Maximum Mode (Control signal generated outside of Microprocessor)

10. The offset address of a data is (341B)_H and the data segment register value is (123A)_H. What is the physical address of the data? (Apr-May 2017)

Offset address = (341B)_H

Data segment = (123A)_H

Physical Address = starting address of segment * 10H + Offset address

= (123A)_H * 10H + (341B)_H

= (123A0)_H + (341B)_H

= (157BB)_H

11. List the segment register of 8086. (Apr-May 2017, Nov-Dec 2016)

- ✓ Code Segment Register
- ✓ Data Segment Register
- ✓ Stack Segment Register
- ✓ Extra Segment Register

12. Define stack. (Apr-May 2016)

The stack is a block of memory that may be used for temporarily storing the contents of the registers inside the CPU. It is a top-down data structure whose elements are accessed using the stack pointer (SP) which gets decremented by two as we store a data word into the stack and gets incremented by two as we retrieve a data word from the stack back to the CPU register.

13. List flags of 8086 microprocessor. (Apr-May 2016, Nov-Dec 2016)

- Status flag
 - ✓ Parity flag
 - ✓ Carry flag
 - ✓ Auxiliary carry flag
 - ✓ Sign flag
 - ✓ Zero flag
 - ✓ Overflow flag
- Control flag
 - ✓ Direction flag
 - ✓ Interrupt enable flag

| | |
|------------|--|
| | <p style="text-align: center;">✓ Trap flag</p> |
| 14. | <p>Identify the addressing modes in the following instructions</p> <p>i. AND AL, BL ii. SUB AL, 24H iii. MOV AL, [BP] iv. MOV AL, [BX+7]</p> <p style="margin-left: 40px;"> i. AND AL, BL – Register addressing mode ii. SUB AL, 24H – Immediate addressing mode iii. MOV AL, [BP] – Register Indirect addressing mode iv. MOV AL, [BX+7] - Register relative addressing mode </p> |
| 15. | <p>Give any four miscellaneous instructions in 16 bit processor.</p> <ul style="list-style-type: none"> ✓ CLC (Clear the carry flag) ✓ STC (Set the carry flag) ✓ CMC (Complement the carry flag) ✓ CLD (Clear the direction flag) ✓ STD (Set the direction flag) |
| 16. | <p>List out some functions of BIU.</p> <ul style="list-style-type: none"> ✓ Reset the Queue ✓ Fetches the instruction from the new address ✓ Pass the instruction to the EU ✓ Begins refilling the queue from new location. |
| 17. | <p>List the advantages of using segment registers in 8086.</p> <ul style="list-style-type: none"> ✓ Data corruption is very less. ✓ Multiple user use at a time. |
| 18. | <p>Mention the types of Instruction set used in 8086.</p> <ul style="list-style-type: none"> ✓ Data Transfer Instruction ✓ Arithmetic Instruction ✓ Bit Manipulation Instruction ✓ String Instruction ✓ Program Control Transfer Instruction ✓ Miscellaneous Instruction |
| 19. | <p>What are the flag manipulation instructions of 8086?</p> <ul style="list-style-type: none"> ✓ LAHF: Load AH from low byte of flag register. ✓ SAHF : Store AH to low byte of flag register ✓ PUSHF: Push content of flag to the stack. ✓ POPF: Pop content of stack and load it in the flag register. |
| 20. | <p>List any four unconditional branch instructions of 8086.</p> <ul style="list-style-type: none"> ✓ CALL ✓ JMP ✓ RET ✓ LOOP |
| 21. | <p>List the 8086 instructions used for BCD operations.</p> |

| | |
|------------|---|
| | <ul style="list-style-type: none"> ✓ DAA : Decimal Adjust Accumulator after addition ✓ DAS : Decimal Adjust Accumulator after subtraction |
| 22. | <p>Define assembler directives.</p> <p>There are some instructions in the assembly language program which are not a part of processor instruction set. These are instructions to assembler and are referred as pseudo operations or assembler directives.</p> |
| 23. | <p>Define microprocessor. Mention the clock frequency of 8086.</p> <p>A microprocessor is a multipurpose, programmable, clock-driven, register –based electronic device that reads binary instructions from a storage device called memory. Accepts binary data as input and processes data according to instructions, and provides result as output. The clock frequency of 8086 is 5MHZ.</p> |
| 24. | <p>What are the different types of interrupt available in 8086?</p> <ul style="list-style-type: none"> ✓ Software Interrupt (INTR & NMI) ✓ Hardware Interrupt (INT n, INTO & Divide by zero) ✓ Single step Interrupt |
| 25. | <p>For 8086 microprocessor, the contents of the registers are, CS = 2001H, SS = 6046H, IP = 2456H, SP = 2200H. Calculate the corresponding physical addresses for the addressed byte in</p> <p>a. CS b. SS</p> <p>a. CS = (2001)_H IP = (2456)_H Physical Address = starting address of segment * 10H + Offset address = (2001)_H * 10H + (2456)_H = (20010)_H + (2456)_H = (22466)_H</p> <p>b. SS = (6046)_H SP = (2200)_H Physical Address = starting address of segment * 10H + Offset address = (6046)_H * 10H + (2200)_H = (60460)_H + (2200)_H = (62660)_H</p> |

PART – B Question

| | |
|-----------|--|
| 1. | With neat block diagram, explain the architecture of 8086 Microprocessor. (Apr-May 2019, Nov-Dec 2017, Apr-May 2018, Apr-May 2017, Nov-Dec 2017, Nov-Dec 2016) |
| 2. | What is interrupt and interrupt routine. Explain the interrupt sequence for 8086 Microprocessor and interrupt pointers. (Apr-May 2019, Apr-May 2018, Nov-Dec 2017, Apr-May 2017, Apr-May 2016) |
| 3. | For 8086 microprocessor what are the instruction set and assembler directives? (Nov-Dec 2018) |
| 4. | Explain the various addressing modes of 8086 microprocessor. (Nov-Dec 2018, Nov-Dec 2016) |

| | |
|---------------------------------|---|
| 5. | i. Explain the data transfer, arithmetic and branch instruction with examples. (9) (Apr-May 2016) ii. Write an ALP to find the sum of numbers in an array of 10 elements. (7) |
| 6. | Explain the different Assembler directives in 8086 with examples. |
| 7. | Write an ALP to sort out any given 10 numbers in ascending and descending order. |
| 8. | Write an ALP to search the largest and smallest number in an array. |
| 9. | Explain the instruction set of 8086 (i) Data transfer instructions (ii) Arithmetic instructions (iii) Flag manipulation instructions. |
| 10. | Explain the instruction set of 8086 (i) Logical instructions (ii) Shift & Rotate instructions (iii) String & Processor control instructions. |
| <i>PART – C Question</i> | |
| 1. | Write an ALP to sort out any given 10 numbers in ascending and descending order. |
| 2. | Write an ALP to search the largest and smallest number in an array. |
| 3. | With neat block diagram, explain the architecture of 8086 Microprocessor. |
| 4. | With example explain the instruction set of 8086 microprocessor. |
| 5. | i. Find the status of the CF and ZF flags after the execution of each of the following set of instructions. Given that AX = 4160H. a. ADD AX, 9034H b. CMP AX, 0B08H c. XOR AL, AL d. MOV AL, 34H ii. Write a program for 8086 microprocessor that multiply two bytes and stores the result in memory. |

Unit -2 (8086 System Bus Structure)

| | |
|--|---|
| <i>PART – A Question & Answer</i> | |
| 1. | Give the advantage of loosely coupled system over the tightly coupled system. (Apr-May 2019) <ul style="list-style-type: none"> ✓ More number of CPUs can be added in a loosely coupled system to improve the system performance. ✓ The system structure is modular and hence easy to maintain and troubleshoot. ✓ A fault in a single module does not lead to a complete system breakdown. ✓ Due to the independent processing modules used in the system, it is more faults -tolerant. ✓ More suitable to parallel applications due to its modular organization. |
| 2. | Define system bus. (Nov-Dec 2018, Nov-Dec 2016) <p>The system bus is a pathway composed of cables and connectors used to carry data between a computer microprocessor and the main memory. The bus provides a communication path for the data and control signals moving between the major components of the computer system. The system bus works by combining the functions of the three main buses: namely data, address and control buses. Each of the three buses has its separate characteristics and responsibilities.</p> |
| 3. | What is meant by co-processor? (Nov-Dec 2018) |



RVS COLLEGE OF ENGINEERING & TECHNOLOGY
COIMBATORE - 641 402
DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR- (2022-2023)

17.03.2023

Ref: RVSCET/MECH/Circular/CCM-II/04/02/2022-23

The faculty members, those who are handling Subjects for **IV Year MECH** and students are requested to attend the second class committee meeting, which is to be held on **23/03/2023** at **11.00a.m** in HOD's cabin.

Chairperson: Mr.V.Hariganesh

Student members:

| Sl.No | Reg. No. | Name of the students | Signature |
|-------|--------------|----------------------|-----------|
| 1 | 712819114002 | AKASH S | |
| 2 | 712819114005 | ARAVIND KUMAR C | |
| 3 | 712819114013 | GOWTHAM G | |
| 4 | 712819114018 | NAVANEETHAN N | |
| 5 | 712819114025 | SURYASEN S | |
| 6 | 712819114301 | MAHESWARAN U | |

Chair Person
(Mr.V.Hariganesh)

HOD/Mech

To
The Members (for circulation) and office file

Copy submitted to:

1. The Principal,
2. AO,
3. HoD/Mech
4. Office File



RVS COLLEGE OF ENGINEERING & TECHNOLOGY
COIMBATORE - 641 402
DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR (2022-2023)

23.03.2023

Ref: RVSCET/ Minutes /CC-II/04/02/2022-23

Minutes of the **IV Year MECH** second Class Committee meeting held on 23/03/2023 at 11.00 am in HOD's cabin.

Members present for the meeting

Chairperson: Mr.V.Hariganesh

Student members:

| Sl.No | Reg. No. | Name of the students | Signature |
|-------|--------------|----------------------|-----------|
| 1 | 712819114002 | AKASH S | |
| 2 | 712819114005 | ARAVIND KUMAR C | |
| 3 | 712819114013 | GOWTHAM G | |
| 4 | 712819114018 | NAVANEETHAN N | |
| 5 | 712819114025 | SURYASEN S | |
| 6 | 712819114301 | MAHESWARAN U | |

Staff Members:

| Sl.No | Name of the Faculty | Designation | Signature |
|-------|--------------------------|-----------------|-----------|
| 1 | Dr.V.R.Sivakumar | Professor & HoD | |
| 2 | Prof.T.T.Nanjundamoorthi | AP | |
| 3 | Mr.C.Senthilkumar | AP | |
| 4 | Dr.C.Chanakyan | AP | |

| S.No | Subject Name | Students Comment | Staff Comment |
|------|------------------------------|--|---|
| 1 | Principles of Management | <ul style="list-style-type: none"> Unit-IV is completed 5th unit is going on. Remembering some key words is quiet difficult. Real time practices discussing by faculty | <ul style="list-style-type: none"> Need some good presentation in IAT exams Students have to present regularly for their class University questions will be discussed on daily basis |
| 2 | Entrepreneurship Development | <ul style="list-style-type: none"> Unit-III is completed 4th unit is going on. Some management words are not easy to understand Students feel writing practices will help them to boost their confidence during university exams | <ul style="list-style-type: none"> Daily two university questions will be discussed Students have to do writing practice Need to improve writing abilities |
| 3 | Project | <ul style="list-style-type: none"> First review completed Difficult to prepare slide for presentation. | <ul style="list-style-type: none"> Second review is going on. Asked to meet the guide regularly Planned to discuss about how to prepare slide for presentation |

Following Points were discussed:

- Almost Four units are covered in all the subjects
- Discussed about IAT-II preparation and exam pattern, QP receiving and answer sheet submission timings.
- Industrial visit details are discussed and their feedback was absorbed by HoD
- Students asked about Mechanical Symposium and cultural event.
- Some students got poor attendance. Students are asked to attend classes regularly.

- Discussed about conduct of value added courses, webinars and guest lectures
- Discussed about weekly test performances
- Discussed about placement activities.


Chair Person
Mr.V.Hariganesh


Class Advisor


HoD

To
The Members (for circulation)
Copy submitted to:
1. The Principal
2. AO
3. HOD
4. Office File



RVS COLLEGE OF ENGINEERING & TECHNOLOGY
COIMBATORE - 641 402
DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR- (2022-2023)



16.02.2023

Ref: RVSCET/MECH/Circular/CCM-I/03/2023

The faculty members, those who are handling Subjects for III Year MECH and the following students are requested to attend the first-class committee meeting, which is to be held on **20/02/2023** at **2.30p.m** in HOD's cabin.

Chair person: Dr.C.Chanakyan AP/Mech

Student members:

| Sl.No | Reg. No. | Name of the students | Signature |
|-------|--------------|----------------------|------------------------|
| 1 | 712820114001 | ABINESH M J | <i>m.s.abi</i> |
| 2 | 712820114007 | MUNEES N | <i>N. Munees</i> |
| 3 | 712820114014 | YADU KRISHNAN E V | <i>yadu krishnan</i> |
| 4 | 712820114321 | JEEVANANDHAM N | <i>J. Jeewanandham</i> |
| 5 | 712820114701 | SANJAY J | <i>Sanjay J</i> |
| 6 | 712820114705 | SUBASH R | <i>R. Subash</i> |
| 7 | 712820114319 | HARIKRISHNAN S | <i>Harikrishnan S</i> |
| 8 | 712820114341 | SANJAI R | <i>Sanjai R</i> |

c. Chanakyan
Chair Person
(Dr.C.Chanakyan)

R. Subash
HoD/Mech

To
The Members (for circulation) and office file

Copy submitted to:

1. The Principal,
2. AO,
3. HoD/Mech
4. Office File



RVS COLLEGE OF ENGINEERING & TECHNOLOGY
COIMBATORE - 641 402
DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR (2022-2023)



20/02/2023

Ref: RVSCET/ Minutes /CC-I/03 Year/06 Sem/2023

Minutes of the **III Year MECH** First Class Committee meeting held on **20/02/2023**
at 2.30 pm in HOD's cabir

Members present for the meeting

Chair person: Dr.C.Chanakyan AP/Mech

Student members:

| Sl.No | Reg. No. | Name of the students | Signature |
|-------|--------------|----------------------|-----------|
| 1 | 712820114001 | ABINESH M J | |
| 2 | 712820114007 | MUNEE S N | |
| 3 | 712820114014 | YADU KRISHNAN E V | |
| 4 | 712820114321 | JEEVANANDHAM N | |
| 5 | 712820114701 | SANJAY J | |
| 6 | 712820114705 | SUBASH R | |
| 7 | 712820114319 | HARIKRISHNAN S | |
| 8 | 712820114341 | SANJAI R | |

Staff Members:

| Sl.No | Name of the Faculty | Designation | Signature |
|-------|------------------------------|-------------|-----------|
| 1 | Prof.T.T.Nanjundamoorthi | AP | |
| 2 | Prof.N.Sri Saravanan | AP | |
| 3 | Prof.V.Hariganesh | AP | |
| 4 | Prof.P.Utchimahali muthuraja | AP | |
| 5 | Prof.S.Rafick | AP | |
| 6 | Prof.C.Senthilkumar | AP | |



RVS COLLEGE OF ENGINEERING & TECHNOLOGY
COIMBATORE - 641 402
DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR- (2022-2023)

Ref: RVSCET/MECH/Circular/CCM-II/02/2022

11.10.2022

The faculty members, those who are handling Subjects for **II Year MECH** and the following students are requested to attend the second class committee meeting, which is to be held on **13/10/2022** at **2.30p.m** in HOD's cabin.

Chair person: Prof.C.Senthilkumar

Student members:

| Sl.No | Reg. No. | Name of the students | Signature |
|-------|---------------|----------------------|-----------|
| 1 | 712821114002 | ARUN S | |
| 2 | 712821114003 | ARUNKUMAR A | |
| 3 | 712821114006 | BOOBALAN R R | |
| 4 | 712821114011 | HARI HARA SUDHAN B | |
| 5 | 712821114015 | RAKESH M | |
| 6 | 712821114022 | SAKTHIVEL K | |
| 7 | 712821114029 | SANJAY T | |
| 8 | Lateral Entry | EDISON Y | |
| 9 | Lateral Entry | MANIGANDAN J | |

Chair Person

(Prof.C.Senthilkumar)

HoD/Mech

To

The Members (for circulation) and office file

Copy submitted to:

1. The Principal,
2. AO,
3. HoD/Mech
4. Office File



RVS COLLEGE OF ENGINEERING & TECHNOLOGY
COIMBATORE - 641 402
DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR (2022-2023)

13/10/2022

Ref: RVSCET/ Minutes /CC-II/02/08/2022

Minutes of the **II Year MECH** Second Class Committee meeting held on
13/10/2022 at 2.30 pm in HOD's cabin.

Members present for the meeting

Chair person: Prof.C.Senthil Kumar

Student members:

| Sl.No | Reg. No. | Name of the students | Signature |
|-------|---------------|----------------------|-----------|
| 1 | 712821114002 | ARUN S | |
| 2 | 712821114003 | ARUNKUMAR A | |
| 3 | 712821114006 | BOOBAL AN R R | |
| 4 | 712821114011 | HARI HARA SUDHAN B | |
| 5 | 712821114015 | RAKESH M | |
| 6 | 712821114022 | SAKTHIVEL K | |
| 7 | 712821114029 | SANJAY T | |
| 8 | Lateral Entry | EDISON Y | |
| 9 | Lateral Entry | MANIGANDAN J | |

Staff Members:

| Sl.No | Name of the Faculty | Designation | Signature |
|-------|----------------------------|-------------|-----------|
| 1 | Mr.P.Vijayakumar | AP | |
| 2 | Mr.P.Utchimahali Muthuraja | AP | |
| 3 | Mr.V.Hari Ganesh | AP | |
| 4 | Mrs.V.Kavitha | AP | |
| 5 | Mr.S.Rafick | AP | |
| 6 | Mr.N.Srisaravanan | AP | |



RVS COLLEGE OF ENGINEERING AND TECHNOLOGY
Kumarankottam Campus, Kannampalayam (Po), Coimbatore – 641 402
(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)
NAAC A+ Accredited and ISO21001:2018 certified Institution



Bonafide Certificate

To

08/07/2023

The Manager,
Emglitz Technologies,
G.K.Sundaram Street,
K.K.Pudur, Sai Baba Colony,
Coimbatore-641038.

Dear Sir/Madam

Sub: Requesting Permission for Internship Training - reg

I would like to seek your patronage in providing internship opportunity to the below listed ECE students. It will be a great help for the students to get industrial exposure and hands on experience to get placement in renowned companies.

| S.NO | REGISTER NUMBER | NAME OF THE STUDENT |
|------|-----------------|---------------------|
| 1 | 712821106707 | SABAREESWARAN M |
| 2 | 712821106039 | SANGAMESHWARAN B |
| 3 | 712821106055 | SUJITHKUMAR S |
| 4 | 712821106026 | MATHAN KUMAR P |
| 5 | 712821106706 | KARTHI K |
| 6 | 712821106010 | BHASKAR M |
| 7 | 712821106016 | GOKULA KRISHNAN S |
| 8 | 712821106031 | PRABHU M |
| 9 | 712821106703 | PRAVEEN C |
| 10 | 712821106053 | SRIRAM G |
| 11 | 712821106025 | MANIKANDAN B |
| 12 | 712821106710 | SANTHOSH KUMAR S |
| 13 | 712821106006 | ARUNKUMAR C |
| 14 | 712821106709 | SANTHOSH KUMAR S |

Thanking You,

With Regards

HOD/ECE

Head of the Department
Department of ECE,
RVS College of Engineering Technology,
Coimbatore - 641 402.



EMGLITZ TECHNOLOGIES

Certificate of Internship Completion

This is to certify that M. SABAREESWARAN
from RVS COLLEGE OF ENGG. & TECHNOLOGY, pursuing
ECE has successfully
completed the internship in the field of EMBEDDED SYSTEMS from
10/07/2022 to 20/07/2023 in our organization.

Throughout the **INTERNSHIP** program with us, He/She had been
exposed to different processes and was found punctual,
hardworking and inquisitive.


Trainer

EMGLITZ TECHNOLOGIES
G. K. Sundaram Street,
Saibaba Colony, Coimbatore.
Ph: 0422 - 4962208

Program co-ordinator



RVS COLLEGE OF ENGINEERING AND TECHNOLOGY

KumaranKottam Campus, Kannampalayam (Po), Coimbatore – 641 402

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

NAAC Accredited and ISO 21001:2018

ACADEMIC YEAR : 2022-2023

Batch:2019-2023

| Sl.No | Register No | Name of the Candidates | Project Title | Guide Name | Outcomes |
|-------|--------------|------------------------|--|------------------------|---|
| 1 | 712819106002 | ARUN MANIKANDAN R | Innovative Intelligent Outdoor Jacket for Health and Safety Monitoring system using IOT | Dr.D.Jeyakumari | To monitor the health and safety of the human in outdoor using a IoT with the help of jacket |
| | 712819106301 | ARUN KUMAR A | | | |
| | 712819106006 | JEEVIKA M | | | |
| | 712819106901 | KARTHIKARANI A | | | |
| 2 | 712819106001 | ANTONY VITHURSON R | Smart VLC design lighting and communication for visible light network | Mr.C.Dhamotharan | To improve Vehicle to Vehicle Communication on rash driving using LIFI technology |
| | 712819106007 | KAMALESH R | | | |
| | 712819106013 | SENTHIL KUMAR M | | | |
| | 712819106015 | SITHARTHAN V | | | |
| 3 | 712819106705 | BOOPATHI D | Solar Power based E-Vehicle charging station | Mrs.K.P.Shanmuga Priya | To develop a model that combines a solar power station and EV s to reduce pollution. |
| | 712819106008 | LOKKESH B | | | |
| | 712819106003 | DURAI PANDI R | | | |
| | 712819106017 | VIJAYAN R | | | |
| 4 | 712819106004 | DURGA D | Smart Glove for Monitoring Visually Impaired | Dr.B.Suganthi | To design and develop a smart glove for monitoring visually impaired people. |
| | 712819106501 | RAMAN V | | | |
| | 712819106009 | MAMTHA S | | | |
| | 712819106018 | VIMALRAJA S | | | |
| 5 | 712819106701 | ANUPRIYA J | IoT based Smart Helmet and alcohol detection system | Dr.N.Shanmugavadivu | To reduce the accidents the smart helmet is structured |
| | 712819106703 | MADHAVA SHANMUGAM D | | | |
| | 712819106704 | VASUKI V | | | |
| | 712819106706 | SUDALAI M | | | |
| 6 | 712819106702 | PRADEEP KUMAR S | Automatic LPG Booking, Leakage Detection and Real Time Gas Measurement Monitoring System | Dr.R.Kannan | To reduce power consumption and less efficient using Solenoid valve |
| | 712819106005 | JEEVANANTH T | | | |
| | 712819106016 | UDHAYA KUMAR S | | | |
| 7 | 712819106010 | PRABHAKARAN M | Density Based Traffic Control With IOT | Mr.V.Venkateswaran | To reduce waiting time for an emergency vehicle |
| | 712819106014 | SENTHIL KUMARAN K | | | |
| | 712819106708 | ARUL KUMAR R | | | |
| | 712819106707 | SOUNDERRAJAN R | | | |
| 8 | 712819106709 | AKSHAY K | IOT based smart fault detection and monitoring system for industrial power distribution using Blynk cloud server | Mr.L.Mohana Kannan | To automate the industrial powerdistribution using the IOT devices and creates alerts to the administrator. |
| | 712819106302 | PRAVEEN M | | | |
| | 712819106303 | VASANATHARAJ V | | | |