



POORNIMA

COLLEGE OF ENGINEERING

Approved by AICTE
Affiliated to Rajasthan Technical University, Kota
Recognized by UGC under Section 2(f) of the UGC Act, 1956

CRT activities *(2017-18 to 2021-22)*

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Poornima College of Engineering, Jaipur
Report of *CRT activities*

| S .N. | Name of Activity | Session | Page No. |
|--------------|---|----------------|-----------------|
| 1 | Report of Industry Institute Interaction | 2021-22 | 3-9 |
| 2 | Report of Industry Institute Interaction | 2020-21 | 10-20 |
| 3 | Report of Poornima Employability Enhancement Mission (PEEM) | 2019-20 | 21-28 |
| 4 | Report of Poornima Employability Enhancement Mission (PEEM) | 2018-19 | 29-35 |
| 5 | Report of Poornima Employability Enhancement Mission (PEEM) | 2017-18 | 36-42 |



POORNIMA

COLLEGE OF ENGINEERING

Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE

A Report on “Industry Institute Interaction (i-3)”

NAME OF ACTIVITY: Industry Institute Interaction (i-3)

COURSE ID: AOC-CP-I3

DATE & DURATION: Session 2021 - 22

ORGANIZED BY: Institute Level Activity

COURSES OFFERED:

| S. No. | Course ID | Course Name | Target Students | Course Duration | |
|--------|-----------|--|-----------------|--------------------|--------------------|
| | | | | ODD SEM | EVEN SEM |
| 1. | AOC-CP-I3 | Industry Institute Interaction (i3) Day Activities | III Year | 40 Hours (10weeks) | 60 Hours (10weeks) |
| 2. | | | II Year | 40 Hours (10weeks) | 60 Hours (10weeks) |
| 3. | | | I Year | 40 Hours (10weeks) | 60 Hours (10weeks) |

OBJECTIVE:

The objective of I3 classes is to prepare III year students to be competent enough to crack the aptitude exam in campus placement drives and to increase the probability of placements of students of Poornima College of Engineering. These classes are specially planned to increase the employability skills of III year students so that students can get employment via on and off campus placements. I3 classes are scheduled 6 hrs. / Week along with regular classes for III year students. For II year students I3 classes are scheduled 6 hrs. /week along with regular classes. I3 classes for II year students are planned to enhance their soft skills, Interpersonal Skills, Team Building, Time Management, etc. These skills will help students to become industry ready and employable globally. I3 classes for I year students are scheduled 6 hrs. / week along with regular classes. In these classes the communication skills are also improved.

by well-trained faculties.

COURSE OUTCOMES:

| | |
|-----|--|
| CO1 | Student will be able to remember the concept of comprehensive reading and sentence writing |
| CO2 | Student will be able to understand the soft skills, Interpersonal Skills, Team Building, Time Management, etc. |
| CO3 | Student will be able to apply the aptitude skills and grammar in placement drives. |

MAPPING COURSE OUTCOMES WITH PO AND PSO:

| CO | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| CO1 | 2 | - | - | - | - | - | - | | - | 2 | - | 2 |
| CO2 | 2 | - | - | - | - | - | - | 3 | 2 | 2 | - | 2 |
| CO3 | 2 | - | - | - | - | - | - | | - | 2 | - | 2 |

COURSE PRE-REQUISITES:

Students should have knowledge of basic mathematics and grammar.

ENROLMENT CRITERIA: Students of III Year, II Year and I Year (All Branches)

ASSESMENT CRITERIA: Various level class tests

COURSE OUTLINE:

ODD SEM

| S. No. | Target students | DURATION(Hr.) | CONTENTS |
|--------|---------------------|---------------|-------------------------------|
| 1 | ALL Branches(I sem) | 2 | CRT + personality development |
| 2 | ALL Branches(I sem) | 2 | C language |
| 3 | ALL Branches(I sem) | 2 | C++ language |
| 4 | ALL Branches(I sem) | 2 | Dance |
| 5 | ALL Branches(I sem) | 2 | Physical Education |
| 6 | ALL Branches(I sem) | 2 | Photography |
| 7 | CE (III Sem) | 2 | CRT |
| 8 | CE (III Sem) | 2 | Personality Development |
| 9 | CE (III Sem) | 2 | Basic Psychology |
| 10 | CE (III Sem) | 2 | Sketching |
| 11 | CE (V Sem) | 2 | CRT |

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| | | | |
|----|----------------------|---|---|
| 12 | CE (V Sem) | 2 | Personality Development |
| 13 | CE (V Sem) | 2 | BIM |
| 14 | CS/IT/ECE (III sem) | 2 | CRT |
| 15 | CS/IT/ECE (III sem) | 2 | Python Programming |
| 16 | CS/IT/ECE (V sem) | 2 | CRT |
| 17 | CS/IT/ECE (V sem) | 2 | Big Data & Data Science |
| 18 | EE(III Sem) | 2 | CRT |
| 19 | EE(III Sem) | 2 | Basics of Solar Power and renewable energy |
| 20 | EE(V Sem) | 2 | CRT |
| 21 | EE(V Sem) | 2 | Advance of Solar power and renewable energy |
| 22 | EE(V Sem) | 2 | Hybrid and Electric Vehicles |
| 23 | ME (III Sem) | 2 | CRT |
| 24 | ME (III Sem) | 2 | Basics of Automobile |
| 25 | ME (V Sem) | 2 | CRT |
| 26 | ME (V Sem) | 2 | Advance of Automobile |

EVEN SEM

| S. No. | Target students | DURATION(hr) | CONTENTS |
|--------|----------------------|---------------|--|
| 1 | ALL Branches(II sem) | 3 | CRT + personality development |
| 2 | ALL Branches(II sem) | 3 | C language |
| 3 | ALL Branches(II sem) | 3 | C++ language |
| 4 | ALL Branches(II sem) | 3 | Dance |
| 5 | ALL Branches(II sem) | 3 | Physical Education |
| 6 | ALL Branches(II sem) | 3 | Photography |
| 7 | CE (IV Sem) | 3 | CRT |
| 8 | CE (IV Sem) | 3 | Personality Development |
| 9 | CE (IV Sem) | 3 | 3D designing and Applications |
| 10 | CE (IV Sem) | 3 | Introduction to BIM |
| 11 | CE (VI Sem) | 3 | CRT |
| 12 | CE (VI Sem) | 3 | Personality Development |
| 13 | CE (VI Sem) | 3 | Advance BIM design using Reivet Arch/MFD |
| 14 | CS/IT/ECE (IV sem) | 3 | CRT |
| 15 | CS/IT/ECE (IV sem) | 3 | Python Progr |

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| | | | |
|----|----------------------|---|---|
| 16 | CS/IT/ECE (VI sem) | 3 | CRT |
| 17 | CS/IT/ECE (VI sem) | 3 | Big Data & Data Science |
| 18 | EE(IV Sem) | 3 | CRT |
| 19 | EE(IV Sem) | 3 | Basics of Solar Power and renewable energy |
| 20 | EE(VI Sem) | 3 | CRT |
| 21 | EE(VI Sem) | 3 | Advance of Solar power and renewable energy |
| 21 | EE(VI Sem) | 3 | Hybrid and Electric Vehicles |
| 22 | ME(IV Sem) | 3 | CRT |
| 23 | ME(IV Sem) | 3 | Basics of Automobile |
| 24 | ME (VI Sem) | 3 | CRT |
| 25 | ME (VI Sem) | 3 | Advance of Automobile |

GLIMPSES:




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CONCLUSION:

This Industry Institute Interaction (I3) Programme inoculate the ample skills such as soft skills, Interpersonal Skills, Team Building, Time Management, etc. to the students that helps them to become industry ready, employable globally and competent enough to crack the aptitude exam in campus placement drives also.


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A Report on “Industry Institute Interaction (i-3)”

NAME OF ACTIVITY: Industry Institute Interaction (i-3)

COURSE ID: AOC-CP-I3

DATE & DURATION: Session 2020 - 21

ORGANIZED BY: Institute Level Activity

COURSES OFFERED:

| S.No. | Course ID | Course Name | Target Students | Course Duration | |
|-------|-----------|--|-----------------|-----------------------|-----------------------|
| | | | | ODD SEM | EVEN SEM |
| 1. | AOC-CP-I3 | Industry Institute Interaction (i3) Day Activities | III Year | 90 Hours (15weeks) | 90 Hours (15weeks) |
| 3. | | | II Year | 90 Hours (15weeks) | 90 Hours (15weeks) |
| 4. | | | I Year | 90 Hours (15weeks) | 90 Hours (15weeks) |

OBJECTIVE:

The objective of I3 classes is to prepare III year students to be competent enough to crack the aptitude exam in campus placement drives and to increase the probability of placement of students of Poornima College of Engineering. These classes are mainly planned to increase the employability skills of III year students so that students can get employment and off campus placements. I3 classes are scheduled 6 hrs. / Week.

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year students. For II year students 13 classes are scheduled 6 hrs. /week along with regular classes. 13 classes for II year students are planned to enhance their soft skills, Interpersonal Skills, Team Building, Time Management, etc. These skills will help students to become industry ready and employable globally. 13 classes for I year students are scheduled 1 hr. /week along with regular classes. In these classes the communication skills of students is improved by well-trained faculties.

OUTCOMES:

| | |
|-----|--|
| CO1 | Student will be able to remember the concept of comprehensive reading and sentence writing |
| CO2 | Student will be able to understand the soft skills, Interpersonal Skills, Team Building, Time Management, etc. |
| CO3 | Student will be able to apply the aptitude skills and grammar in placement drives. |

MAPPING COURSE OUTCOMES WITH PO AND PSO:

| CO | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| CO1 | 2 | - | - | - | - | - | - | | - | 2 | - | 2 |
| CO2 | 2 | - | - | - | - | - | - | 3 | 2 | 2 | - | 2 |
| CO3 | 2 | - | - | - | - | - | - | | - | 2 | - | 2 |

COURSE PRE-REQUISITES:

Students should have knowledge of basic mathematics and grammar.

ENROLMENT CRITERIA: Students of III Year, II Year and I Year (All Branches)

ASSESSMENT CRITERIA: Various level class tests

COURSE OUTLINE:

ODD SEM

| S. No. | Target students | DURATION(Hr.) | CONTENTS |
|--------|----------------------|---------------|--|
| 1 | ALL Branches(I Year) | 2 | Theatre-I |
| 2 | ALL Branches(I Year) | 2 | Instrument-I (Guitar, Casio, Synthesizer, Drum, Classical) |
| 3 | ALL Branches(I Year) | 2 | Dance-I (Classical, Contemporary) |
| 4 | ALL Branches(I Year) | 2 | Sports-I (Cricket, Volleyball, Football, |
| 5 | ALL Branches(I Year) | 2 | Basketball, Martial Arts) |
| 6 | ALL Branches(I Year) | 2 | Fine Arts-I |
| 7 | ALL Branches(I Year) | 2 | |

Poornima College of Engineering-Activity Report

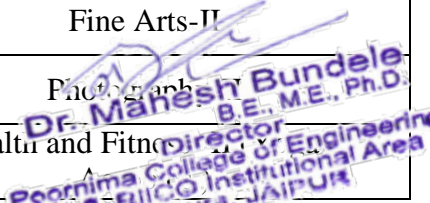
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|----|------------------------------|---|--|
| 8 | ALL Branches(I Year) | 2 | Health and Fitness- I (Yoga / Aerobics) |
| 9 | ALL Branches(I Year) | 2 | Life Skills and Human Values - I |
| 10 | ALL Branches(I Year) | 2 | Organizational Behavior - I |
| 11 | Civil Engg. (I Sem) | 2 | AUTOCAD -I |
| 12 | Civil Engg. (I Sem) | 2 | Sketch up -I |
| 13 | Civil Engg. (I Sem) | 2 | C++ |
| 14 | ALL Branches(I Year) | 3 | Spoken English - I |
| 15 | ALL Branches(I Year) | 3 | Public Speaking -I |
| 16 | ALL Branches(I Year) | 3 | Creative Thinking & Writing skills - I |
| 17 | ALL Branches(I Year) | 3 | Presentation skills -I |
| 18 | ALL Branches(I Year) | 3 | Foreign Language 1 (German, Japanese, French) - I |
| 19 | ALL Branches(I Year) | 3 | Spoken English-I Campus Recruitment Training - I |
| 20 | ALL Branches(I Year) | 3 | Communication Skills-I (Personal, Interpersonal, Group Discussions, Interview) |
| 21 | ALL Branches(I Year) | 3 | Writing Skills-I (Resume / Application / Email) |
| 22 | ALL Branches(I Year) | 3 | Presentation Skills-I Foreign Language 2 (German, Japanese, French) -I |
| 23 | Civil Engineering (III Sem) | 3 | 3D Modelling Softwares TCE301 : Autodesk 3ds Max TCE302 : Autodesk Civil 3D TCE303 : REVIT Structure TCE304 : REVIT Architecture TCE305 : Water CAD TCE306 : Python |
| 24 | Civil Engineering (V Sem) | 3 | TCE501 : Project Mgmt. Software : Primavera -I / MS Project TCE502 : Structural and Foundation Analysis -I TCE503 : Building Information Modeling - I TCE504: Transportation Engineering TCE505: Quantity Surveying TCE506: SAP2000 TCE507: Statistical Methods TCE508: Total Station and GIS |
| 25 | Computer Science& IT (I Sem) | 2 | Programming Language Part I TCS101 : C and C++ -I TCS102 : JAVA-I TCS103: PYTHON-I |
| 26 | Computer Science& IT (I Sem) | 3 | TCS301 : JavaScript and Typescript TCS302 : PHP / JET TCS303 : ASP.NET TCS304 : Word Processing TCS305 : PPT TCS306 : Video Editing TCS307 : Web Designing TCS308 : JavaScript |

| | | | |
|----|---|---|---|
| | | | TCS308 : React JS |
| 27 | Computer Science & IT (I Sem) | 3 | TCS501 : Big Data Hadoop -I TCS502 : Data Science (R Programming / Python / Data Analytics) -II TCS503 : Block chain -I TCS504 : Salesforce -I TCS505 : AR/VR and 5 G-I TCS506 : JavaScript Master And JavaScript Master Plus Course -I TCS507 : HTML5 And CSS3 Master -I TCS508 : Bootstrap Master -I TCS509 : Software Quality Testing(SQT) Automation TCS510 : Quality Assurance and Testing-I TCS511 : Adv. Full Stack Developer -I TCS512: UI/UX web development - II TCS513 : Devops - II TCS514 : Cyber Security and Ethical Hacking |
| 28 | Department of Electronics and Communication Engineering (I Sem) | 2 | Programming Language Part I TEC101 : C and C++ -I TEC102 : JAVA-I TEC103: PYTHON-I |
| 29 | Department of Electronics and Communication Engineering (III Sem) | 3 | TEC301 : CADD for Electrical TEC302 : Industrial Automation - TEC303 : MATLAB TEC304 : NS-3 TEC305 : ORCAD/PSPICE TEC306 : MultiSIM / HFSS TEC307 : IOT TEC308 : Data base Management TEC309 : Advanced JAVA |
| 30 | Department of Electronics and Communication Engineering (V Sem) | 3 | TEC501 : Altera Quartus TEC502 : ECAD Tools TEC503 : Optisim TEC504 : Xilinx TEC505 : AI using Python TEC506 : SAP - I TEC507 : P4 Programming TEC508 : Data Science I TEC509 : Artificial Intelligence II TEC510 : Database Management TEC511 : OOPS |
| 31 | Department of Electrical Engineering(I Sem) | 2 | Programming Language Part I TEE101 : C and C++ -I TEE102 : JAVA-I TEE103: PYTHON-I |
| 32 | Department of Electrical Engineering(III Sem) | 3 | TEE301 : MATLAB TEE302 : Industrial Automation (PLC / SCADA) TEE303 : Solar Power / Renewable Energy TEE304 : Competency in Switch gears, power transformers and circuit breakers TEE305 : Hybrid & Electric Vehicles |
| 33 | Department of Electrical Engineering(V Sem) | 3 | TEE501 : Adv. Electrical AUTOCADD TEE502 : Industrial Automation - II (PLC / SCADA) TEE503 : MATLAB TEE504 : ETAP/Micro-Station TEE505 : Ladder Logic TEE506 : Control System Design & Maintenance TEE507 : Control System Design & Maintenance |

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|----|--|---|---|
| | | | TEE508 :Cyber security for Automation, Control and SCADA TEE509 : Digital Power Delivery TEE510 : IPR and Patents TEE511 : Process Engineering for Drawing and Documentation TEE512 :Electrical Switch Gear & Instrumentation TEE513 :HVAC/ HVDC Designing TEE514 : Electric and Hybrid Vehicles-II |
| 34 | Department of Mechanical Engineering (I Sem) | 2 | Programming Language Part I TME101 : C++ -I TME102 : JAVA-I TME103: PYTHON-I TME104 : AUTOCAD - I |
| 35 | Department of Mechanical Engineering (III Sem) | 3 | TME301 : Unigraphics NX TME302 : Solid Works TME303 : Pro E/ Creo TME304 : CATIA TME305 : Autodesk Inventor TME306 : Alibre TME307 : Revit (BIM) TME308: Sketch up (BIM) TME309: Artificial Intelligence I TME310 : Automobile - I TME311 : Aeromodelling – I |
| 36 | Department of Mechanical Engineering (V Sem) | 3 | TME501 : Piping Design – I TME502 : HVAC Design - I TME503 : CFD - I TME504 : 3D Printing- I TME505 : Industrial Fire and Safety- I TME506 : Robotics- I TME507 : CNC Programming- I TME508 : PDMS (Plant Design Management System) - I TME509 : Manufacturing – I |

EVEN SEM

| S. No. | Target students | DURATION(Hr.) | CONTENTS |
|--------|----------------------|---------------|---|
| 1 | ALL Branches(I Year) | 2 | Theatre-II |
| 2 | ALL Branches(I Year) | 2 | Instrument-II (Guitar, Casio, Synthesizer, Drum, Classical) |
| 3 | ALL Branches(I Year) | 2 | Dance-II (Classical, Contemporary) |
| 4 | ALL Branches(I Year) | 2 | Sports-II (Cricket, Volleyball, Football, |
| 5 | ALL Branches(I Year) | 2 | Basketball, Martial Arts) |
| 6 | ALL Branches(I Year) | 2 | Fine Arts-II |
| 7 | ALL Branches(I Year) | 2 | Photography |
| 8 | ALL Branches(I Year) | 2 | Health and Fitness |


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|----|-------------------------------|---|---|
| 9 | ALL Branches(I Year) | 2 | Life Skills and Human Values - II |
| 10 | ALL Branches(I Year) | 2 | Organizational Behavior – II |
| 11 | Civil Engg. (II Sem) | 2 | AUTOCAD -II |
| 12 | Civil Engg. (II Sem) | 2 | Sketch up -II |
| 13 | Civil Engg. (II Sem) | 2 | JAVA |
| 14 | ALL Branches(I Year) | 3 | Spoken English - II |
| 15 | ALL Branches(I Year) | 3 | Public Speaking -II |
| 16 | ALL Branches(I Year) | 3 | Creative Thinking & Writing skills - II |
| 17 | ALL Branches(I Year) | 3 | Presentation skills -II |
| 18 | ALL Branches(I Year) | 3 | Foreign Language 1 (German, Japanese, French) - II |
| 19 | ALL Branches(I Year) | 3 | Spoken English-II Campus Recruitment Training - II |
| 20 | ALL Branches(I Year) | 3 | Communication Skills-I (Personal, Interpersonal, Group Discussions, Interview) |
| 21 | ALL Branches(I Year) | 3 | Writing Skills-I (Resume / Application / Email) |
| 22 | ALL Branches(I Year) | 3 | Presentation Skills-II Foreign Language 2 (German, Japanese, French) -II |
| 23 | Civil Engineering (IV Sem) | 3 | Structural Analysis and Design TCE401 : STAADPRO TCE402 : BIM Navisworks TCE403 : BIM - Autodesk REVIT TCE404: Statistical Methods TCE405 : Total Station and GIS TCE406 : MATLAB TCE407 : Artificial Intelligence & Tools TCE408 : COMSOL |
| 24 | Civil Engineering (VI Sem) | 3 | TCE601 : Project Mgmt. Software : Primavera - II TCE602 : Structural and Foundation Analysis- II TCE603 : Building Information Modeling -II TCE604 : Bridge Design, Fabrication & Testing TCE605 : Seismic Design of Buildings TCE606 : Industrial Infrastructure TCE607: Pipe line planning and designing like "Water gems" TCE608: Data Science & Statistics TCE609 : Applications of GIS |
| 25 | Computer Science& IT (II Sem) | 2 | Programming Language TCS101 : Java TCS102 : JavaScript TCS103 : Python |

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|----|--|---|--|
| 26 | Computer Science& IT (IV Sem) | 3 | <p>TCS401 : Artificial Intelligence and Automation -I</p> <p>TCS402 : Digital Marketing (SEO SMO)</p> <p>TCS403 : Web Designing - (Website / Graphical Designing / Animation)</p> <p>TCS404 : Basic Hardware and Networking</p> <p>TCS405 : Mobile App Development (IOS / React Native/ Android / Flutter)</p> <p>TCS406 : Devops-I</p> <p>TCS407 : Cloud Computing (AWS / MS Azure)</p> <p>TCS408 : Basic Full stack Developer</p> <p>TCS409 : Data Science - I TCS410 : Basic Business Analytics TCS411 : UI/UX web development - I TCS412 : Internet of Things (IOT)</p> |
| 27 | Computer Science& IT (VI Sem) | 3 | <p>TCS601 : Big Data Hadoop -II</p> <p>TCS602 : Data Science II (R Programming / Python / Data Analytics)-III</p> <p>TCS603 : Block chain -II</p> <p>TCS604 : Salesforce -II</p> <p>TCS605 : AR/VR and 5 G -II</p> <p>TCS606 : JavaScript Master And JavaScript Master Plus Course -II</p> <p>TCS607 : HTML5 And CSS3 Master -II</p> <p>TCS608 : Bootstrap Master -II TCS609 : Artificial Intelligence and Automation - II</p> <p>TCS610 : Quality Assurance and Testing -II</p> <p>TCS611 : Adv. Full Stack Developer -II</p> <p>TCS612: NS-3</p> <p>TCS613 :Edge Computing</p> <p>TCS614 : SDN & P4</p> |
| 28 | Department of Electronics and Communication Engineering (II Sem) | 2 | <p>Programming Language Part I</p> <p>TEC101 : C and C++ - II</p> <p>TEC102 : JAVA-II TEC103: PYTHON-II</p> |
| 29 | Department of Electronics and Communication Engineering (IV Sem) | 3 | <p>TEC401 : Embedded Systems Programming</p> <p>TEC402 : PCB & CIRCUIT DESIGNING</p> <p>TEC403 : Solar Power / Renewable Energy System</p> <p>TEC404 : Image Processing Applications</p> <p>TEC405 : Artificial Intelligence -I</p> <p>TEC406 : Data Structure Algorithms</p> |
| 30 | Department of Electronics and Communication Engineering (VI Sem) | 3 | <p>TEC601 : Wireless Sensor Networks Design</p> <p>TEC602 : Computer Vision TEC603 : Object Oriented Programming TEC604 : Security using Block Chain TEC605 : Robotics</p> <p>TEC606 : Digital and Analog VLSI Designing</p> <p>TEC607 : Real Time Systems Design</p> <p>TEC608 : Data Science II TEC609 : Advance IoT Applications</p> |
| 31 | Department of Electrical Engineering(II Sem) | 2 | <p>Programming Language Part II</p> <p>TEE101 : C++ - II</p> <p>TEE102 : JAVA - II</p> <p>TEE103: PYTHON - II</p> |


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|----|---|---|--|
| 32 | Department of Electrical Engineering(IV Sem) | 3 | <p>TEE401 : Electrical AUTOCADD TEE402 : Power System Operation & Maintenance TEE403 : Smart Grid -I TEE404 : Distributed Generation TEE405 : Robotics I TEE406 : Data Science TEE407 : Programming Embedded Systems TEE408 : PSPICE</p> |
| 33 | Department of Electrical Engineering(VI Sem) | 3 | <p>TEE601 : Homer / Multisim/ PSPICE TEE602 : Industrial Automation - III (PLC / SCADA) TEE603 : PSCAD TEE604 : PSS TEE605 : Robotics -II TEE606 : Power System Planning & Load Dispatch TEE607 : Integrated System Design & Maintenance TEE608 : Renewable Energy Solutions TEE609 : Fault Diagnosis & Maintenance in Electrical Power Systems TEE610 : Practical Engineering for Energy Efficiency TEE611 : Substation Design & Installations TEE612 : Electrical wiring designing & Installation TEE613 : Smart Grid II TEE614 : Advanced Electrical Drives</p> |
| 34 | Department of Mechanical Engineering (II Sem) | 2 | <p>Programming Language Part I TME101 : C++ -II TME102 : JAVA-II TME103: PYTHON-II TME104 : AUTOCAD - II</p> |
| 35 | Department of Mechanical Engineering (IV Sem) | 3 | <p>TME401 : ANSYS TME402 : MATLAB TME403 : COMSOL TME404 : Hypermesh TME405 : BIM TME406: Robotics & Automation I TME407: Data Science I TME408 : Automobile - II TME409 : Aeromodelling - II TME410: Artificial Intelligence II</p> |
| 36 | Department of Mechanical Engineering (VI Sem) | 3 | <p>TME501 : Piping Design – II TME502 : HVAC Design - II TME503 : CFD - II TME504 : 3D Printing- II TME505 : Industrial Fire and Safety- II TME506 : Robotics- II TME507 : CNC Programming- II TME508 : PDMS (Plant Design Management System) - II TME509 : Manufacturing - II</p> |



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GLIMPSES:




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CONCLUSION:

This Industry Institute Interaction (I3) Programme inoculate the ample skills such as soft skills, Interpersonal Skills, Team Building, Time Management, etc. to the students that helps them to become industry ready, employable globally and competent enough to crack the aptitude exam in campus placement drives also.


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COLLEGE OF ENGINEERING

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A Report on

“Poornima Employability Enhancement Mission (PEEM)”

NAME OF ACTIVITY: “Poornima Employability Enhancement Mission (PEEM)”

DATE & DURATION: Session 2019 - 20

ORGANIZED BY: Institute Level Activity

COURSE OUTLINE:

ODD SEM

| S. No. | Target students | DURATION(Hr.) | CONTENTS |
|--------|-----------------|---------------|--|
| 1 | III Year | 3 | Sentence completion and Para-jumbles |
| 2 | III Year | 3 | Clocks, calendars, Direction sense and Cubes |
| 3 | III Year | 3 | Profit and loss, Partnerships and averages |
| 4 | III Year | 3 | Articles, Prepositions and Interrogatives |
| 5 | III Year | 6 | Permutation, Combination and Probability |
| 6 | III Year | 2 | Group discussion – Basics |
| 7 | III Year | 2 | Personal Interview – Basics |
| 8 | III Year | 2 | Resume writing – Basics |
| 9 | III Year | 3 | Group discussion – Advanced |
| 10 | III Year | 3 | Group discussion – Mock |
| 11 | III Year | 3 | Personal Interview – Advanced |
| 12 | III Year | 3 | Personal interview – Mock I |
| 13 | II Year | 1 | Introductory Session - Art of giving effective Introduction. |
| 14 | II Year | 1 | Phonetics |
| 15 | II Year | 1 | Nouns, Pronouns & Prepositions |
| 16 | II Year | 1 | List of tenses, formulation, usage and common mistakes |
| 17 | II Year | 1 | Basics of Subject and agreement. |
| 18 | II Year | 1 | Open Conversation and acquired skills |
| 19 | II Year | 1 | Correct sentence formation (Subject, verb and object) |

| | | | |
|----|---------|---|---|
| 20 | II Year | 1 | Situational conversation |
| 21 | II Year | 1 | Conversational Drills |
| 22 | II Year | 1 | Vocabulary Drills and Practice |
| 23 | II Year | 1 | Vocabulary Drills and Practice |
| 24 | II Year | 1 | Listening Activity |
| 25 | II Year | 1 | Formal & Casual Language |
| 28 | II Year | 1 | Extempore |
| 29 | II Year | 1 | Group discussion |
| 30 | II Year | 1 | Adjectives, Adverbs, Passive & Active Voice |
| 31 | II Year | 1 | Direct & In-Direct Speech |
| 32 | II Year | 1 | Question Tag & Articles |
| 33 | II Year | 1 | Conjunctions and Interjections |
| 34 | II Year | 1 | Modifiers, clauses & Verbs |
| 35 | II Year | 1 | Apostrophes and Contractions |
| 36 | II Year | 1 | Antonyms & Synonyms |
| 37 | II Year | 1 | Analogies & Odd Man Out |
| 38 | II Year | 1 | Reading & Comprehension |
| 39 | I Year | 1 | Giving effective Introduction |
| 40 | I Year | 1 | Grooming, Body Language & Non-Verbal Communication |
| 41 | I Year | 1 | Situational conversation |
| 42 | I Year | 1 | Fear removal and spontaneous speaking |
| 43 | I Year | 1 | Stage fear removal and audience facing capability enhancement |
| 44 | I Year | 1 | Organizing the thoughts - Through Story Telling |
| 45 | I Year | 1 | Organizing the thoughts -- Activity |
| 46 | I Year | 1 | Presentation Skills - Presenting without Technology |
| 47 | I Year | 1 | Presentation Skills - Presenting without Technology |
| 48 | I Year | 1 | Skillset and leadership |
| 49 | I Year | 2 | Presentation Skills- Presenting with the aid of Technology |
| | | | |

EVEN SEM

| S. No. | Target students | DURATION(Hr.) | CONTENTS |
|--------|-----------------|---------------|--|
| 1 | III Year | 2 | Ratio and Proportion |
| 2 | III Year | 2 | Logical connectives, Syllogism and Venn diagrams |
| 3 | III Year | 2 | Voices and Speech |
| 4 | III Year | 2 | Critical reasoning |
| 5 | III Year | 2 | Logarithms, Progressions, Geometry and Quadratic equations |
| 6 | III Year | 2 | Quants Refresher |
| 7 | III Year | 2 | Logical Refresher |
| 8 | III Year | 2 | Verbal Refresher |
| 9 | III Year | 2 | How to crack stress Telephor |

| | | | |
|----|----------|---|--|
| 10 | III Year | 2 | Speaking effectively in Guesstimation Interviews |
| 11 | III Year | 2 | Personal interview –Mock II (Guesstimation/Panel/Stress Interviews) |
| 12 | II Year | 3 | Stress Management |
| 13 | II Year | 3 | Convincing Skills |
| 14 | II Year | 3 | Motivation |
| 15 | II Year | 3 | Intrapreneurship |
| 16 | II Year | 3 | Professional Communication |
| 17 | II Year | 3 | Time and work |
| 18 | II Year | 3 | Time, speed and distance |
| 19 | II Year | 3 | Coding & Decoding, Series, Analogy, Odd man out and Visual reasoning |
| 20 | II Year | 3 | Data arrangements and Blood relations |
| 21 | II Year | 3 | Vocabulary |
| 22 | I Year | 1 | Reporter |
| 23 | I Year | 1 | Debate |
| 24 | I Year | 1 | Who moved my cheese |
| 25 | I Year | 1 | Writing Skills - Writing book / movie reviews and excerpts |
| 26 | I Year | 1 | Theatrix |
| 27 | I Year | 2 | Team vs Wild |
| 28 | I Year | 1 | Professional Etiquette |
| 28 | I Year | 1 | Telephone and Social Networking etiquette |
| 30 | I Year | 1 | Reading Part 3- Choosing the right word in the passage |
| 31 | I Year | 1 | Listening Part 2 - Practice Exercises |

COURSES OFFERED:

| S.No. | Course ID | Course Name | Target Students | Course Duration | | Course Facilitator |
|-------|-------------|--|-----------------|-----------------|----------|--------------------|
| | | | | ODD SEM | EVEN SEM | |
| 1. | AOC-CP-PEEM | Poornima Employability Enhancement Mission. (PEEM) | III Year | 36 Hours | 36 Hours | FACE |
| 3. | | | II Year | 24 Hours | 24 Hours | |
| 4. | | | I Year | 12 Hours | 12 Hours | |

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COURSE OBJECTIVES:

The objective of PEEM classes is to prepare III year students to be competent enough to crack the aptitude exam in campus placement drives and to increase the probability of placements of students of Poornima College of Engineering. These classes are specially planned to increase the employability skills of III year students so that students can get employment via on and off campus placements. PEEM classes are scheduled 4 hrs. / Week along with regular classes for III year students.

For II year students PEEM classes are scheduled 3 hrs. /week along with regular classes. PEEM classes for II year students are planned to enhance their soft skills, Interpersonal Skills, Team Building, Time Management, etc. These skills will help students to become industry ready and employable globally.

PEEM classes for I year students are scheduled 1 hr. /week along with regular classes. In these classes the communication skills of students is improved by well-trained faculties.

COURSE OUTCOMES:

| | |
|-----|--|
| CO1 | Student will be able to remember the concept of comprehensive reading and sentence writing |
| CO2 | Student will be able to understand the soft skills, Interpersonal Skills, Team Building, Time Management, etc. |
| CO3 | Student will be able to apply the aptitude skills and grammar in placement drives. |

MAPPING OF COURSE OUTCOMES WITH PO AND PSO:

| CO | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| CO1 | 2 | - | - | - | - | - | - | | - | 2 | - | 2 |
| CO2 | 2 | - | - | - | - | - | - | 3 | 2 | 2 | - | 2 |
| CO3 | 2 | - | - | - | - | - | - | | - | 2 | - | 2 |

COURSE PRE-REQUISITES: Students should have knowledge of basic mathematics and grammar.

ENROLMENT CRITERIA: Students of III Year, II Year and I Year (All Branches)

ASSESSMENT CRITERIA: Various level class tests


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CONCLUSION:

Poornima Employability Enhancement Mission (PEEM) Programme inculcate the ample skills such as soft skills, Interpersonal Skills, Team Building, Time Management, etc. to the students that helps them to become industry ready, employable globally and competent enough to crack the aptitude exam in campus placement drives also.


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POORNIMA

COLLEGE OF ENGINEERING

Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE

A Report on

“Poornima Employability Enhancement Mission (PEEM)”

NAME OF ACTIVITY: “Poornima Employability Enhancement Mission (PEEM)”

DATE & DURATION: Session 2018 - 19

ORGANIZED BY: Institute Level Activity

COURSE OUTLINE:

ODD SEM

| S. No. | Target students | DURATION(Hr.) | CONTENTS |
|--------|-----------------|---------------|--|
| 1 | III Year | 3 | Sentence completion and Para-jumbles |
| 2 | III Year | 3 | Clocks, calendars, Direction sense and Cubes |
| 3 | III Year | 3 | Profit and loss, Partnerships and averages |
| 4 | III Year | 3 | Articles, Prepositions and Interrogatives |
| 5 | III Year | 6 | Permutation, Combination and Probability |
| 6 | III Year | 2 | Group discussion – Basics |
| 7 | III Year | 2 | Personal Interview – Basics |
| 8 | III Year | 2 | Resume writing – Basics |
| 9 | III Year | 3 | Group discussion – Advanced |
| 10 | III Year | 3 | Group discussion – Mock |
| 11 | III Year | 3 | Personal Interview – Advanced |
| 12 | III Year | 3 | Personal interview – Mock I |
| 13 | II Year | 2 | Body Language and Professionalism |
| 14 | II Year | 2 | Interpersonal Skills |
| 15 | II Year | 2 | Emotional Quotient |
| 16 | II Year | 2 | Habit Formation |
| 17 | II Year | 2 | Goal Setting |
| 18 | II Year | 3 | Impression Management |
| 19 | II Year | 3 | Team Building |
| 20 | II Year | 3 | Time Management |
| 21 | II Year | 3 | Numbers system |

| | | | |
|----|---------|---|---|
| 22 | II Year | 3 | Percentages, SI and CI |
| 23 | II Year | 3 | Data interpretation and Data sufficiency |
| 24 | II Year | 3 | Sentence correction |
| 25 | II Year | 3 | Reading comprehension |
| 28 | I Year | 1 | Who gets the Heart? |
| 29 | I Year | 1 | Insane Inventor |
| 30 | I Year | 1 | Tourism pitch |
| 31 | I Year | 1 | Shopping role play |
| 32 | I Year | 1 | Email Writing – Workshop |
| 33 | I Year | 1 | Essay Writing – Workshop |
| 34 | I Year | 2 | Extempore |
| 35 | I Year | 1 | Reading Part 1 – Thematic understanding of Passages |
| 36 | I Year | 1 | Reading Part 2 - Passage completion exercises |
| 37 | I Year | 1 | Listening Part 1 - Introduction to accents, listening skills and techniques |

EVEN SEM

| S. No. | Target students | DURATION(Hr.) | CONTENTS |
|--------|-----------------|---------------|--|
| 1 | III Year | 2 | Ratio and Proportion |
| 2 | III Year | 2 | Logical connectives, Syllogism and Venn diagrams |
| 3 | III Year | 2 | Voices and Speech |
| 4 | III Year | 2 | Critical reasoning |
| 5 | III Year | 2 | Logarithms, Progressions, Geometry and Quadratic equations. |
| 6 | III Year | 2 | Quants Refresher |
| 7 | III Year | 2 | Logical Refresher |
| 8 | III Year | 2 | Verbal Refresher |
| 9 | III Year | 2 | How to crack stress, panel, Telephonic and Skype interviews |
| 10 | III Year | 2 | Speaking effectively in Guesstimation Interviews |
| 11 | III Year | 2 | Personal interview –Mock II (Guesstimation/Panel/Stress Interviews) |
| 12 | II Year | 3 | Stress Management |
| 13 | II Year | 3 | Convincing Skills |
| 14 | II Year | 3 | Motivation |
| 15 | II Year | 3 | Intrapersonal |
| 16 | II Year | 3 | Professional Communication |
| 17 | II Year | 3 | Time and Work |
| 18 | II Year | 3 | Time, Space, Direction, Series, Coding & Decoding, Analogy, Odd man out and Visual |
| 19 | II Year | 3 | |

| | | | |
|----|---------|---|--|
| | | | reasoning |
| 20 | II Year | 3 | Data arrangements and Blood relations |
| 21 | II Year | 3 | Vocabulary |
| 22 | I Year | 1 | Reporter |
| 23 | I Year | 1 | Debate |
| 24 | I Year | 1 | Who moved my cheese |
| 25 | I Year | 1 | Writing Skills - Writing book / movie reviews and excerpts |
| 26 | I Year | 1 | Theatrix |
| 27 | I Year | 2 | Team vs Wild |
| 28 | I Year | 1 | Professional Etiquette |
| 28 | I Year | 1 | Telephone and Social Networking etiquette |
| 30 | I Year | 1 | Reading Part 3- Choosing the right word in the passage |
| 31 | I Year | 1 | Listening Part 2 - Practice Exercises |

COURSES OFFERED:

| S.No. | Course ID | Course Name | Target Students | Course Duration | | Course Facilitator |
|-------|-------------|--|-----------------|-----------------|----------|--------------------|
| | | | | ODD SEM | EVEN SEM | |
| 1. | AOC-CP-PEEM | Poornima Employability Enhancement Mission. (PEEM) | III Year | 44 Hours | 40 Hours | FACE |
| 3. | | | II Year | 36 Hours | 30 Hours | |
| 4. | | | I Year | 11 Hours | 11 Hours | |

COURSE OBJECTIVES:

The objective of PEEM classes is to prepare III year students to be competent enough to crack the aptitude exam in campus placement drives and to increase the probability of placements of students of Poornima College of Engineering. These classes are specially planned to increase the employability skills of III year students so that students can get employment via on and off campus placements. PEEM classes are scheduled 4 hrs. / Week along with regular classes for III year students.

For II year students PEEM classes are scheduled 3 hrs. /week along with regular classes. PEEM classes for II year students are planned to enhance their soft skills. Skills, Team Building, Time Management, etc. These skills will help students to become industry ready and employable globally.

PEEM classes for I year students are scheduled 1 hr. /week along with regular classes. In these classes the communication skills of students is improved by well-trained faculties.

COURSE OUTCOMES:

| | |
|-----|--|
| CO1 | Student will be able to remember the concept of comprehensive reading and sentence writing |
| CO2 | Student will be able to understand the soft skills, Interpersonal Skills, Team Building, Time Management, etc. |
| CO3 | Student will be able to apply the aptitude skills and grammar in placement drives. |

MAPPING OF COURSE OUTCOMES WITH PO AND PSO:

| CO | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| CO1 | 2 | - | - | - | - | - | - | | - | 2 | - | 2 |
| CO2 | 2 | - | - | - | - | - | - | 3 | 2 | 2 | - | 2 |
| CO3 | 2 | - | - | - | - | - | - | | - | 2 | - | 2 |

COURSE PRE-REQUISITES: Students should have knowledge of basic mathematics and grammar.

ENROLMENT CRITERIA: Students of III Year, II Year and I Year (All Branches)

ASSESMENT CRITERIA: Various level class tests

SESSION PHOTOS:



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CONCLUSION:

Poornima Employability Enhancement Mission (PEEM) Programme inoculate the ample skills such as soft skills, Interpersonal Skills, Team Building, Time Management, etc. to the students that helps them to become industry ready, employable globally and competent enough to crack the aptitude exam in campus placement drives also.


Dr. Mahesh Bundele
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POORNIMA
COLLEGE OF ENGINEERING

Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE

A Report on

“Poornima Employability Enhancement Mission (PEEM)”

NAME OF ACTIVITY: “Poornima Employability Enhancement Mission (PEEM)”

DATE & DURATION: Session 2017 - 18

ORGANIZED BY: Institute Level Activity

COURSE OUTLINE:

ODD SEM

| S. No. | Target students | DURATION(Hr.) | CONTENTS |
|--------|-----------------|---------------|--|
| 1 | III Year | 4 | Numbers system |
| 2 | III Year | 2 | Time and work |
| 3 | III Year | 2 | Time, speed and distance |
| 4 | III Year | 2 | Profit and loss, Partnerships and Averages |
| 5 | III Year | 4 | Percentages, SI and CI |
| 6 | III Year | 4 | Permutation, Combination and Probability |
| 7 | III Year | 2 | Data arrangements and Blood relations |
| 8 | III Year | 2 | Data interpretation and Data sufficiency |
| 9 | III Year | 2 | Clocks, Calendars, Direction sense and Cubes |
| 10 | III Year | 2 | Reading comprehension |
| 11 | III Year | 4 | Sentence correction |
| 12 | III Year | 4 | Vocabulary |
| 13 | III Year | 2 | Sentence completion and Para-jumbles |
| 14 | III Year | 2 | Group discussion - Basic |
| 15 | III Year | 2 | Personal Interview - Basics |
| 16 | III Year | 2 | Resume writing - Basic |
| 17 | III Year | 2 | Group discussion - Advanced |
| 18 | II Year | 3 | Body Language and Professionalism |

| | | | |
|----|---------|---|---|
| 19 | II Year | 3 | Interpersonal Skills |
| 20 | II Year | 3 | Emotional Quotient |
| 21 | II Year | 3 | Habit Formation |
| 22 | II Year | 3 | Goal Setting |
| 23 | II Year | 3 | Impression Management |
| 24 | II Year | 3 | Team Building |
| 25 | II Year | 3 | Time Management |
| 26 | II Year | 3 | Stress Management |
| 27 | II Year | 3 | Convincing Skills |
| 28 | II Year | 3 | Mafia - Art of Convincing. |
| 28 | I Year | 1 | Introducing Your friend |
| 30 | I Year | 1 | Insane Inventor |
| 31 | I Year | 1 | Picture Connector |
| 32 | I Year | 2 | Extempore |
| 33 | I Year | 1 | Who gets the heart? |
| 34 | I Year | 1 | Story mason |
| 35 | I Year | 1 | Tourism pitch |
| 36 | I Year | 1 | Telephone – Social Networking etiquette |
| 37 | I Year | 1 | Email Etiquette |

EVEN SEM

| S. No. | Target students | DURATION(Hr.) | CONTENTS |
|--------|-----------------|---------------|--|
| 1 | III Year | 2 | Numbers system |
| 2 | III Year | 2 | Ratio and Proportion |
| 3 | III Year | 2 | Profit and loss, Partnerships and Averages |
| 4 | III Year | 2 | Time and work |
| 5 | III Year | 2 | Percentages, SI and CI |
| 6 | III Year | 2 | Coding & Decoding, Series, Analogy, Odd man out and Visual reasoning |
| 7 | III Year | 2 | Reading comprehension |
| 8 | III Year | 2 | Sentence correction |
| 9 | III Year | 2 | Group discussion – Basics |
| 10 | III Year | 2 | Personal Interview – Basics |
| 11 | III Year | 2 | Personal Interview – Advanced |
| 12 | III Year | 2 | Resume writing – Basics |
| 13 | III Year | 4 | Group discussion – Mock |
| 14 | III Year | 4 | Personal interview – Mock I |
| 15 | III Year | 4 | Personal interview – Mock II |
| 16 | II Year | 2 | Numbers system |
| 17 | II Year | 2 | Time and work |
| 18 | II Year | 3 | Time, speed and distance |
| 19 | II Year | 3 | Percentages, SI and CI |
| 20 | II Year | 3 | Coding & Decoding, Series, Analogy, Odd man out and Visual reasoning |
| 21 | II Year | 3 | Data arrangements and Data |
| 22 | II Year | 3 | Data interpretation and Data |

| | | | |
|----|----------------|---|------------------------|
| | | | sufficiency |
| 23 | II Year | 3 | Reading comprehension |
| 24 | II Year | 3 | Sentence correction |
| 25 | II Year | 3 | Vocabulary |
| 26 | I Year | 3 | Debate |
| 27 | I Year | 3 | Shopping role play |
| 28 | I Year | 3 | Team VS Wild |
| 28 | I Year | 1 | Theatrix |
| 30 | I Year | 1 | Reporter |
| 31 | I Year | 1 | Report & Memo |
| 32 | I Year | 2 | Lifeboat |
| 33 | I Year | 1 | Professional etiquette |
| 34 | I Year | 1 | Who moved my cheese? |

COURSES OFFERED:

| S.No. | Course ID | Course Name | Target Students | Course Duration | | Course Facilitator |
|-------|-------------|--|-----------------|-----------------|----------|--------------------|
| | | | | ODD SEM | EVEN SEM | |
| 1. | AOC-CP-PEEM | Poornima Employability Enhancement Mission. (PEEM) | III Year | 36 Hours | 36 Hours | FACE |
| 2. | | | III Year | 8 Hours | - | |
| 3. | | | II Year | 33 Hours | 30 Hours | |
| 4. | | | I Year | 10 Hours | 10 Hours | |

COURSE OBJECTIVES:

The objective of PEEM classes is to prepare III year students to be competent enough to crack the aptitude exam in campus placement drives and to increase the probability of placements of students of Poornima College of Engineering. These classes are specially planned to increase the employability skills of III year students so that students can get employment via on and off campus placements. PEEM classes are scheduled 4 hrs. / Week along with regular classes for III year students.

For II year students PEEM classes are scheduled 3 hrs. /week along with regular classes. PEEM classes for II year students are planned to enhance their soft skills, Interpersonal Skills, Team Building, Time Management, etc. These skills will help students to be campus ready and employable globally.

PEEM classes for I year students are scheduled 1 hr. /week along with regular classes. In these classes the communication skills of students is improved by the faculties.

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COURSE OUTCOMES:

| | |
|-----|--|
| CO1 | Student will be able to remember the concept of comprehensive reading and sentence writing |
| CO2 | Student will be able to understand the soft skills, Interpersonal Skills, Team Building, Time Management, etc. |
| CO3 | Student will be able to apply the aptitude skills and grammar in placement drives. |

MAPPING OF COURSE OUTCOMES WITH PO AND PSO:

| CO | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| CO1 | 2 | - | - | - | - | - | - | | - | 2 | - | 2 |
| CO2 | 2 | - | - | - | - | - | - | 3 | 2 | 2 | - | 2 |
| CO3 | 2 | - | - | - | - | - | - | | - | 2 | - | 2 |

COURSE PRE-REQUISITES: Students should have knowledge of basic mathematics and grammar.

ENROLMENT CRITERIA: Students of III Year, II Year and I Year (All Branches)

ASSESMENT CRITERIA: Various level class tests

SESSION PHOTOS:






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CONCLUSION:

Poornima Employability Enhancement Mission (PEEM) Programme inoculate the ample skills such as soft skills, Interpersonal Skills, Team Building, Time Management, etc. to the students that helps them to become industry ready, employable globally and competent enough to crack the aptitude exam in campus placement drives also.


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