VPM'S Maharshi Parshuram College of Engineering, Velneshwar, Ratnagiri
Department of Computer Engineering
Identifying Slow Learners and Advanced Learners

Academic Year: 2018-19
Class : ~~BE~~ (~~Computer Engg.~~) ~~Sem VII~~ S.E (Mechanical) Sem IV

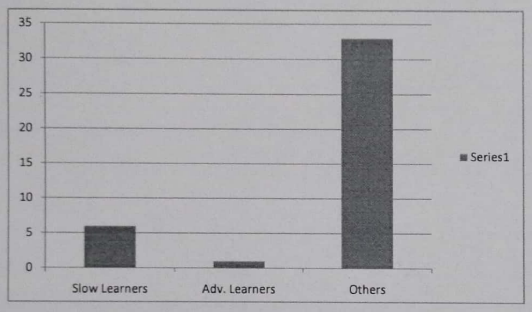
**Identifying Slow Learners and Advanced Learners - Cycle I**

| Roll No. | Name of Students | SGPI of Current Semester M2 | Average IA Marks of all subjects ( Current Semester M1) | | | | Final Index |
|---|---|---|---|---|---|---|---|
| | ⇨ | | IA - I | IA- II | Avearge | Scale of 10 | |
| M301 | AMDEKAR CHAITANYA PRASAD AN | 6.81 | 10.8 | 12 | 11.4 | 5.7 | 6.5 |
| M302 | BELWALKAR BHUSHAN DINESH VI | 7.65 | 15.2 | 11.6 | 13.4 | 6.7 | 7.4 |
| M303 | BHOSALE AKSHAY NILKANTH NILI | 7.35 | 6.2 | 7.6 | 6.9 | 3.5 | 6.2 |
| M304 | BHOSALE SOHAM VINOD MANALI | 7.75 | 11.8 | 12.2 | 12 | 6 | 7.2 |
| M305 | CHAVAN ARNAV ARVIND RASHMI | 7.59 | 17.8 | 13 | 15.4 | 7.7 | 7.6 |
| M306 | CHAVAN TANMAY RAMDAS RENUK | 6.41 | 15.8 | 14.6 | 15.2 | 7.6 | 6.8 |
| M307 | CHAVAN VANDESH KIRAN RUPALI | 6.75 | 7.2 | 14 | 10.6 | 5.3 | 6.3 |
| M308 | CHILE SHUBHAM DILIP DAKSHATA | 6.95 | 7.8 | 10 | 8.9 | 4.5 | 6.2 |
| M309 | GANPULE SARVESH RAMCHANDR | 6.75 | 10.8 | 8.2 | 9.5 | 4.8 | 6.2 |
| M310 | GAVANKAR RUSHIKESH JANARDA | 6.75 | 8.8 | 12.2 | 10.5 | 5.3 | 6.3 |
| M311 | GAWADE JAY RAJENDRA MUGDHA | 5.31 | 12.6 | 11 | 11.8 | 5.9 | 5.5 |
| M312 | GOTAD SANKET SHANKAR JAYASH | 0 | 13 | 12.4 | 12.7 | 6.4 | 1.9 |
| M313 | JADHAV VINAYAK SHARAD SHEET | 7.25 | 8.6 | 11.8 | 10.2 | 5.1 | 6.6 |
| M314 | KOLGE OMKAR AJIT ARCHANA | 4.59 | 8.2 | 8.4 | 8.3 | 4.2 | 4.5 |
| M315 | KOLGE SUYOG UTTAM ULKA | 5.07 | 13.6 | 9.2 | 11.4 | 5.7 | 5.3 |
| M316 | KULKARNI SHIVRAJ SHIVRAM SUNANDA | 5.97 | 16 | 10.2 | 13.1 | 6.6 | 6.2 |
| M317 | LAD VIRAJ DILIP DIPTI | 7.95 | 12 | 14.6 | 13.3 | 6.7 | 7.6 |
| M318 | MAYEKAR SAHIL UDAY BHAGYASH | 0 | 15 | 11 | 13 | 6.5 | 2 |
| M319 | PADIYAR TIKAM ARJUN KAILASI | 6.75 | 10.6 | 11 | 10.8 | 5.4 | 6.3 |
| M320 | PALANDE VIVEK VILAS UJJWALA | 7.25 | 12.6 | 11 | 11.8 | 5.9 | 6.8 |
| M321 | PALKAR RAHUL SADANAND SARIT | 6.09 | 15 | 14 | 14.5 | 7.3 | 6.5 |
| M322 | PALYEKAR NABHESH BHANUDAS | 7.45 | 9.8 | 11 | 10.4 | 5.2 | 6.8 |
| M323 | PANGALE SANKET SHANKAR SHA | 7.25 | 11.4 | 9 | 10.2 | 5.1 | 6.6 |
| M324 | PARANJPE SAMEER PRAKASH LEE | 0 | 14.2 | 14.2 | 14.2 | 7.1 | 2.1 |
| M325 | PAWAR ANIKET DIPAK PRAJAKTA | 6.8 | 9.2 | 11.8 | 10.5 | 5.3 | 6.4 |
| M326 | PAWAR RAJANIKANT RAVINDRA R | 7.31 | 17.2 | 13.8 | 15.5 | 7.8 | 7.5 |
| M327 | PEDHAMBKAR ROSHAN RAVINDRA | 6.75 | 7.8 | 9 | 8.4 | 4.2 | 6 |
| M328 | PISE KRISHNA KIRAN SEEMA | 7.55 | 10.2 | 9 | 9.6 | 4.8 | 6.7 |
| M329 | UMAR SADIQUE | 6.45 | 9.4 | 9.2 | 9.3 | 4.7 | 5.9 |
| M330 | SAWANT ADITYA JAYANT JYOSTN | 7.45 | 8 | 8.2 | 8.1 | 4.1 | 6.4 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| M331 | SAWANT ANUJ ARVIND ANJANI | 7.95 | 12 | 13.4 | 12.7 | 6.4 | 7.5 |
| M332 | SAWANT SAURABH VISHWAS SUC | 7.05 | 13.2 | 11.8 | 12.5 | 6.3 | 6.8 |
| M333 | SHELAR SWARUP ANKUSH AKSHA | 7.35 | 14 | 9.8 | 11.9 | 6 | 6.9 |
| M334 | SHIRKE TUSHAR VIJAY VIDYA | 6.95 | 14 | 13.4 | 13.7 | 6.9 | 6.9 |
| M335 | SURVE ABHISHEK DIPAK DARSHAI | 6.85 | 9.4 | 7.8 | 8.6 | 4.3 | 6.1 |
| M336 | SURVE OMKAR SURESH KOMAL | 6.75 | 8.4 | 12 | 10.2 | 5.1 | 6.3 |
| M337 | TATKARE KAUSHAL ARVIND ANUJ | | 10.8 | 6 | 8.4 | 4.2 | 1.3 |
| M338 | TAWADE SANDESH SURESH SUSH | | 12.6 | 9.8 | 11.2 | 5.6 | 1.7 |
| M339 | ZIMBAR TUSHAR CHANDRAKANT F | 8.85 | 16.4 | 17.2 | 16.8 | 8.4 | 8.7 |
| M340 | PAGADE VISHAL VIJAY VIJAYA (P) | | 14.8 | 9.6 | 12.2 | 6.1 | 1.8 |

| | |
|---|---|
| Slow Learners | 6 |
| Adv. Learners | 1 |
| **Others** | **33** |
| Total | 40 |

| | |
|---|---|
| Avearage | 5.86 |




| Measures for slow learners | Measures for advanced learners |
|---|---|
| 1.Two assignments for every subject with 5 questions each (Additional than those mentioned in University syllabus) | 1. Assignments with higher degree of difficulty<br>2. GATE questions |

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Department of Computer Engineering
Identifying Slow Learners and Advanced Learners

**Academic Year:** 2018-19
**Class : SE Mechanical** Sem-IV

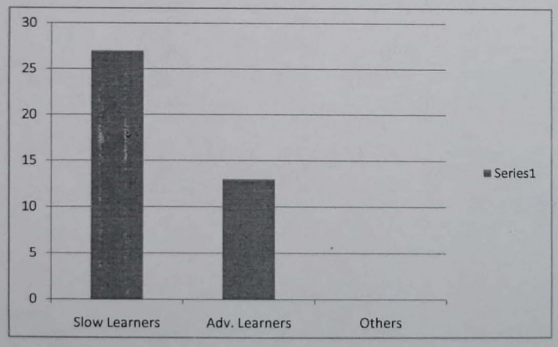
**Identifying Slow Learners and Advanced Learners - Cycle II**

| Roll No. | Name of Students | SGPI of Current Semester M1 | Average IA 1 Marks of all subjects ( Unit Test 1 of Current Semester ) | | Final Index |
|---|---|---|---|---|---|
| | | | IA - I | Scale of 10 | |
| M301 | AMDEKAR CHAITANYA PRASAD ANJA | 0 | 12 | 6 | 1.8 |
| M302 | BELWALKAR BHUSHAN DINESH VRU | 6.62 | 11 | 5.5 | 6.3 |
| M303 | BHOSALE AKSHAY NILKANTH NILIMA | 0 | 7.2 | 3.6 | 1.1 |
| M304 | BHOSALE SOHAM VINOD MANALI | 0 | 12 | 6 | 1.8 |
| M305 | CHAVAN ARNAV ARVIND RASHMI | 7.69 | 17.2 | 8.6 | 8 |
| M306 | CHAVAN TANMAY RAMDAS RENUKA | 7.27 | 15 | 7.5 | 7.3 |
| M307 | CHAVAN VANDESH KIRAN RUPALI | 0 | 6.8 | 3.4 | 1 |
| M308 | CHILE SHUBHAM DILIP DAKSHATA | 0 | 8.8 | 4.4 | 1.3 |
| M309 | GANPULE SARVESH RAMCHANDRA I | 0 | 6.4 | 3.2 | 1 |
| M310 | GAVANKAR RUSHIKESH JANARDAN S | 0 | 11 | 5.5 | 1.7 |
| M311 | GAWADE JAY RAJENDRA MUGDHA | 0 | 11.4 | 5.7 | 1.7 |
| M312 | GOTAD SANKET SHANKAR JAYASHR | 0 | 0 | 0 | 0 |
| M313 | JADHAV VINAYAK SHARAD SHEETAL | 0 | 9.8 | 4.9 | 1.5 |
| M314 | KOLGE OMKAR AJIT ARCHANA | 0 | 8.4 | 4.2 | 1.3 |
| M315 | KOLGE SUYOG UTTAM ULKA | 6.5 | 18.4 | 9.2 | 7.3 |
| M316 | KULKARNI SHIVRAJ SHIVRAM SUNANDA | 0 | 12.8 | 6.4 | 1.9 |
| M317 | LAD VIRAJ DILIP DIPTI | 6.62 | 13.8 | 6.9 | 6.7 |
| M318 | MAYEKAR SAHIL UDAY BHAGYASHRI | 6.65 | 11 | 5.5 | 6.3 |
| M319 | PADIYAR TIKAM ARJUN KAILASI | 0 | 9.4 | 4.7 | 1.4 |
| M320 | PALANDE VIVEK VILAS UJJWALA | 0 | 11.8 | 5.9 | 1.8 |
| M321 | PALKAR RAHUL SADANAND SARITA | 6.77 | 11.8 | 5.9 | 6.5 |
| M322 | PALYEKAR NABHESH BHANUDAS BH | 6.4 | 12.6 | 6.3 | 6.4 |
| M323 | PANGALE SANKET SHANKAR SHARM | 0 | 10.6 | 5.3 | 1.6 |

| | | | | | |
|---|---|---|---|---|---|
| M324 | PARANJPE SAMEER PRAKASH LEEN | 7.08 | 12.2 | 6.1 | 6.8 |
| M325 | PAWAR ANIKET DIPAK PRAJAKTA | 0 | 12 | 6 | 1.8 |
| M326 | PAWAR RAJANIKANT RAVINDRA RES | 7.38 | 15.2 | 7.6 | 7.4 |
| M327 | PEDHAMBKAR ROSHAN RAVINDRA R | 0 | 8.8 | 4.4 | 1.3 |
| M328 | PISE KRISHNA KIRAN SEEMA | 0 | 10.2 | 5.1 | 1.5 |
| M329 | UMAR SADIQUE | 0 | 10.2 | 5.1 | 1.5 |
| M330 | SAWANT ADITYA JAYANT JYOSTNA | 0 | 7.8 | 3.9 | 1.2 |
| M331 | SAWANT ANUJ ARVIND ANJANI | 0 | 10.8 | 5.4 | 1.6 |
| M332 | SAWANT SAURABH VISHWAS SUCHI | 6.27 | 12.8 | 6.4 | 6.3 |
| M333 | SHELAR SWARUP ANKUSH AKSHAYA | 0 | 13.6 | 6.8 | 2 |
| M334 | SHIRKE TUSHAR VIJAY VIDYA | 6.27 | 14.6 | 7.3 | 6.6 |
| M335 | SURVE ABHISHEK DIPAK DARSHANA | 0 | 8 | 4 | 1.2 |
| M336 | SURVE OMKAR SURESH KOMAL | 0 | 8.2 | 4.1 | 1.2 |
| M337 | TATKARE KAUSHAL ARVIND ANUJA | 0 | 11.2 | 5.6 | 1.7 |
| M338 | TAWADE SANDESH SURESH SUSHA | 0 | 10.2 | 5.1 | 1.5 |
| M339 | ZIMBAR TUSHAR CHANDRAKANT RO | 7.73 | 16.2 | 8.1 | 7.8 |
| M340 | PAGADE VISHAL VIJAY VIJAYA (P) | 0 | 9 | 4.5 | 1.4 |

| | |
|---|---|
| Slow Learners | 27 |
| Adv. Learners | 13 |
| Others | 0 |
| Total | 40 |

| | |
|---|---|
| Average | 3.21 |




| For slow learners | For advanced learners |
|---|---|
| 1. Remedial classes (minimum 02) | 1. Motivating the advanced learners to become member of a professional society and get involved in |

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Department of Computer Engineering
Identifying Slow Learners and Advanced Learners

**Academic Year:** 2018-19
**Class :** T.E. Mechanical Sem VI

**Identifying Slow Learners and Advanced Learners - Cycle I**

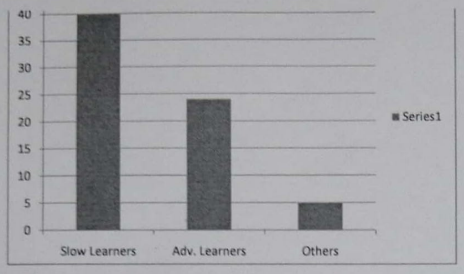
| Roll No. | Name of Students | SGPI of Current | Average IA Marks of all subjects ( Current Semester M1) | | | | Final Index |
|---|---|---|---|---|---|---|---|
| | | | IA - I | IA- II | Avearge | Scale of 10 | |
| M601 | BARGIR AMAN ALTAF ANISA | 5.92 | 11.8 | 13.4 | 13 | 6.5 | 6.1 |
| M602 | BELWALKAR NEERAJ RAJENDRA SI | 6.62 | 16.2 | 13.2 | 15 | 7.5 | 6.9 |
| M603 | BHADSAVALE CHINAR SUDHIR KAI | 0.00 | 14 | 13.8 | 14 | 7 | 2.1 |
| M604 | BHAIRAVKAR SAMEER SANTOSH S | 0.00 | 9.2 | 9.8 | 10 | 5 | 1.5 |
| M605 | BHAVE HRISHIKESH PRAKASH PRA | 0.00 | 13 | 11.6 | 12 | 6 | 1.8 |
| M606 | BHOSALE PRASAD RAJENDRA RAJI | 0.00 | 11.4 | 11.4 | 11 | 5.5 | 1.7 |
| M607 | BHUVAD PARAG PRAKASH PRAJAK | 6.50 | 15.2 | 15 | 15 | 7.5 | 6.8 |
| M608 | CHAVAN SHUBHAM NANDKISHOR | 0.00 | 14.6 | 15 | 15 | 7.5 | 2.3 |
| M609 | CHILE SHUBHAM SHIVAJI POOJA | 0.00 | 10.2 | 10.8 | 11 | 5.5 | 1.7 |
| M610 | CHOGALE SUJIT DAMODAR SHEVA | 0.00 | 13.8 | 12.4 | 13 | 6.5 | 2 |
| M611 | DALVI SUYOG RAMAKANT MEGHN | 6.35 | 13.8 | 10.6 | 12 | 6 | 6.2 |
| M612 | DAWATE YOGESH MAHENDRA MAI | 8.80 | 17 | 15.6 | 16 | 8 | 8.6 |
| M613 | DHOKE PRATHAMESH VISHNU SNE | 6.27 | 9.2 | 11.8 | 11 | 5.5 | 6 |
| M614 | DONGARE YOGESH SANJAY SHILPA | 0.00 | 11 | 12.2 | 12 | 6 | 1.8 |
| M615 | GHADE PANKAJ PUNDALIK PRAGA | 0.00 | 11.4 | 12.6 | 12 | 6 | 1.8 |
| M616 | GHADI SANDESH RAMESH RAMIKA | 0.00 | 10.8 | 13.2 | 12 | 6 | 1.8 |
| M617 | GHAG PRALAY PRAKASH SHITAL | 6.73 | 15.4 | 12 | 14 | 7 | 6.8 |
| M618 | GOKHALE UNMESH GOPALKRUSHN | 7.27 | 16.4 | 14.6 | 16 | 8 | 7.5 |
| M619 | GOTAD RUSHIKESH RAVINDRA ROI | 5.81 | 12.2 | 14.2 | 13 | 6.5 | 6 |
| M620 | GURAV OMKAR VIJAY VAISHALI | 0.00 | 10.2 | 12.8 | 12 | 6 | 1.8 |
| M621 | HALAYE SAURABH HARESH HARSH | 0.00 | 12 | 11.6 | 12 | 6 | 1.8 |
| M622 | HAREKAR ROSHAN RAMJI MANGAI | 0.00 | 10.2 | 9.8 | 10 | 5 | 1.5 |
| M623 | JADHAV RITESH SUDHAKAR SNEHA | 0.00 | 12.8 | 13.4 | 13 | 6.5 | 2 |
| M624 | JADHAV ROHAN RAJENDRA RACHA | 0.00 | 11.8 | 10.2 | 11 | 5.5 | 1.7 |
| M625 | JADHAV SURAJ MANGESH MAMAT | 0.00 | 12.8 | 8 | 10 | 5 | 1.5 |
| M626 | JOJO THOMAS SAJIMOL | 6.04 | 15.2 | 14.2 | 15 | 7.5 | 6.5 |
| M627 | KHAN SAJID AKHTAR NOORBEGUM | 7.00 | 13 | 13.2 | 13 | 6.5 | 6.9 |
| M628 | KHANVILKAR NIKHIL RANJIT SONA | 5.96 | 13.6 | 15.2 | 14 | 7 | 6.3 |
| M629 | KHEDEKAR DNYANESH PRASANNA | 6.19 | 9.2 | 9 | 9 | 4.5 | 5.7 |
| M630 | KHEDEKAR SHIVAM NAYAN NETRA | 5.62 | 14.8 | 10.6 | 13 | 6.5 | 5.9 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| M631 | KHETALE AMEY SUDHAKAR SWAT | 6.50 | 15.2 | 14.4 | 15 | 7.5 | 6.8 |
| M632 | KINJALKAR TUSHAR BHIKAJI VANI | 0.00 | 12.4 | 11.2 | 12 | 6 | 1.8 |
| M633 | KOLWANKAR SAGAR SUBHASH VIJ | 5.73 | 8.6 | 9.6 | 9 | 4.5 | 5.4 |
| M634 | KOTHEKAR SHASHANK VINAYAK S | 0.00 | 14.2 | 15 | 15 | 7.5 | 2.3 |
| M635 | KUNDIYA RAHUL RAJU JASU | 6.69 | 10.8 | 10.8 | 11 | 5.5 | 6.3 |
| M636 | MADUSKAR UTKARSH SANJAY VAI | 0.00 | 15.6 | 16.6 | 16 | 8 | 2.4 |
| M637 | MANE PRANAL SHIVAJI LATA | 6.73 | 14.4 | 14.6 | 15 | 7.5 | 7 |
| M638 | MAYEKAR MAHESH DIGAMBAR DA | 0.00 | 10.6 | 13.2 | 12 | 6 | 1.8 |
| M639 | MORE PRASAD VITTHALDAS VIJAY | 0.00 | 11.6 | 10.8 | 11 | 5.5 | 1.7 |
| M640 | MORE SANKET RAJARAM MANGLA | 5.08 | 12.8 | 11.6 | 12 | 6 | 5.4 |
| M641 | MORE SHUBHAM ANIL ARACHNA | 5.38 | 10.6 | 13 | 12 | 6 | 5.6 |
| M642 | NARALE PRATIK SUBHASH SUMATI | 0.00 | 8.8 | 11.8 | 10 | 5 | 1.5 |
| M643 | NARALKAR SIDDHESH SANTOSH V | 0.00 | 16.4 | 16.4 | 16 | 8 | 2.4 |
| M644 | OKATE GANESH GANGARAM ASHL | 6.85 | 9.6 | 10.6 | 10 | 5 | 6.3 |
| M645 | PAGADE SHUBHAM KRISHNA MADI | 0.00 | 11.8 | 10.2 | 11 | 5.5 | 1.7 |
| M646 | PALKAR SHRIDHAR DNYANDEO SU | 0.00 | 12.2 | 12 | 12 | 6 | 1.8 |
| M647 | PARAB VISHAL KHEMRAJ VAISHAL | 0.00 | 6.8 | 12 | 9 | 4.5 | 1.4 |
| M648 | PATIL PRANAY MOHAN LAXMI | 0.00 | 10.6 | 12.2 | 11 | 5.5 | 1.7 |
| M649 | PATOLE SWARAJ SANTOSH MANISH | 5.08 | 0 | 0 | 0 | 0 | 3.6 |
| M650 | PAWAR SUDIP VASUNAND VASUDH | 0.00 | 7.2 | 8.2 | 8 | 4 | 1.2 |
| M651 | PEDNEKAR ANIKET ANANDA NAVI | 0.00 | 15.4 | 14.6 | 15 | 7.5 | 2.3 |
| M652 | REWALE PRATAP SURESH SULOCH | 6.96 | 13.2 | 14.2 | 14 | 7 | 7 |
| M653 | REWALE ROHAN PRAKASH PRAMIL | 0.00 | 12.6 | 12 | 12 | 6 | 1.8 |
| M654 | SALUNKHE RAKESH SATISH SNEHA | 5.92 | 17.2 | 13.8 | 16 | 8 | 6.5 |
| M655 | SANDIM VIKAS PRAVIN SAVITA | 6.81 | 14.6 | 14.4 | 15 | 7.5 | 7 |
| M656 | SAWAL RAHUL ROHIDAS ROHINI | 6.58 | 16 | 13.6 | 15 | 7.5 | 6.9 |
| M657 | SAYYAD TOHID MAINUDDIN NEELA | 0.00 | 15.2 | 15.4 | 15 | 7.5 | 2.3 |
| M658 | SHINDE AJAY BALASO ANJANA | 0.00 | 12.2 | 13 | 13 | 6.5 | 2 |
| M659 | SHINDE AJINKYA GANESH GAYATR | 6.46 | 15.4 | 14 | 15 | 7.5 | 6.8 |
| M660 | SHINDE SHUBHAM SURENDRA SAY | 7.19 | 11.6 | 11.2 | 11 | 5.5 | 6.7 |
| M661 | SHIRKE SAGAR SURAJ SAROJ | 0.00 | 13.2 | 10 | 12 | 6 | 1.8 |
| M662 | SHITAP DURWANKUR KRISHNAKAN | 0.00 | 15 | 14 | 15 | 7.5 | 2.3 |
| M663 | TALEKAR YASH PRADIP PRIYANKA | 6.19 | 11.6 | 8.6 | 10 | 5 | 5.8 |
| M664 | TEHSILDAR SAHIL HUSSAIN BABU I | 0.00 | 13.4 | 14.6 | 14 | 7 | 2.1 |
| M665 | TEKAWADE NIKHIL HINDESH SANG | 6.54 | 0 | 0 | 0 | 0 | 4.6 |
| M666 | VASAVE POOJA DATTARAM DIPIKA | 0.00 | 13.4 | 12.8 | 13 | 6.5 | 2 |
| M667 | WARANKAR SANKET SANJAY SAN | 0.00 | 14.6 | 13.6 | 14 | 7 | 2.1 |
| M668 | ZAGADE SUNIL SUDHAKAR SUCHIT | 0.00 | 10.2 | 9 | 10 | 5 | 1.5 |
| M669 | SHIRKE AMEY CHANDRASHEKHAR | 0.00 | 0 | 0 | 0 | 0 | 0 |

| | |
|---|---|
| Slow Learners | 40 |
| Adv. Learners | 24 |
| Others | 5 |

| | |
|---|---|
| Avearage | 3.78 |

| | |
|---|---|
| Total | 69 |




| Measures for slow learners | Measures for advanced learners |
|---|---|
| 1.Two assignments for every subject with 5 questions each (Additional than those mentioned in University syllabus) | 1. Assignments with higher degree of difficulty<br>2. GATE questions |

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Department of Computer Engineering
Identifying Slow Learners and Advanced Learners

Academic Year: 2018-19
Class : T.E. Mechanical Sem VI

**Identifying Slow Learners and Advanced Learners - Cycle II**

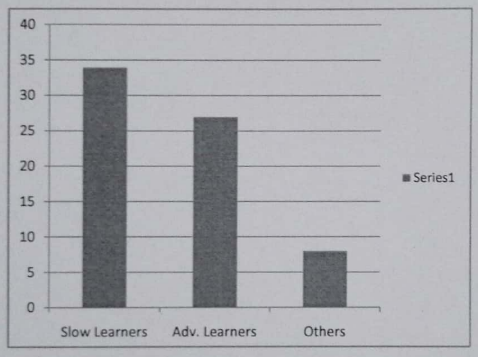
| Roll No. | Name of Students | SGPI of Current Semester M1 | Average IA 1 Marks of all subjects ( Unit Test 1 of Current Semester ) | | Final Index |
|---|---|---|---|---|---|
| | | | IA - I | Scale of 10 | |
| M601 | BARGIR AMAN ALTAF ANISA | 6.46 | 13 | 6.5 | 6.5 |
| M602 | BELWALKAR NEERAJ RAJENDRA SHR | 7.26 | 12 | 6 | 6.9 |
| M603 | BHADSAVALE CHINAR SUDHIR KANC | 6.77 | 11.2 | 5.6 | 6.4 |
| M604 | BHAIRAVKAR SAMEER SANTOSH SEE | 0.00 | 6.6 | 3.3 | 1 |
| M605 | BHAVE HRISHIKESH PRAKASH PRACH | 6.19 | 10 | 5 | 5.8 |
| M606 | BHOSALE PRASAD RAJENDRA RAJNA | 5.96 | 9.6 | 4.8 | 5.6 |
| M607 | BHUVAD PARAG PRAKASH PRAJAKTA | 7.42 | 12.8 | 6.4 | 7.1 |
| M608 | CHAVAN SHUBHAM NANDKISHOR NA | 0.00 | 12.2 | 6.1 | 1.8 |
| M609 | CHILE SHUBHAM SHIVAJI POOJA | 0.00 | 8.8 | 4.4 | 1.3 |
| M610 | CHOGALE SUJIT DAMODAR SHEVANT | 0.00 | 10.4 | 5.2 | 1.6 |
| M611 | DALVI SUYOG RAMAKANT MEGHNA | 6.42 | 11 | 5.5 | 6.1 |
| M612 | DAWATE YOGESH MAHENDRA MANIS | 7.81 | 14.4 | 7.2 | 7.6 |
| M613 | DHOKE PRATHAMESH VISHNU SNEHA | 0.00 | 9 | 4.5 | 1.4 |
| M614 | DONGARE YOGESH SANJAY SHILPA | 0.00 | 8.6 | 4.3 | 1.3 |
| M615 | GHADE PANKAJ PUNDALIK PRAGATI | 0.00 | 10.4 | 5.2 | 1.6 |
| M616 | GHADI SANDESH RAMESH RAMIKA | 6.12 | 10 | 5 | 5.8 |
| M617 | GHAG PRALAY PRAKASH SHITAL | 6.38 | 11.8 | 5.9 | 6.2 |
| M618 | GOKHALE UNMESH GOPALKRUSHNA | 7.35 | 11.4 | 5.7 | 6.9 |
| M619 | GOTAD RUSHIKESH RAVINDRA ROHI | 6.65 | 11.6 | 5.8 | 6.4 |
| M620 | GURAV OMKAR VIJAY VAISHALI | 0.00 | 8.8 | 4.4 | 1.3 |
| M621 | HALAYE SAURABH HARESH HARSHA | 0.00 | 9.4 | 4.7 | 1.4 |
| M622 | HAREKAR ROSHAN RAMJI MANGAL | 0.00 | 11.4 | 5.7 | 1.7 |
| M623 | JADHAV RITESH SUDHAKAR SNEHA | 0.00 | 10.2 | 5.1 | 1.5 |

| | | | | | |
|---|---|---|---|---|---|
| M624 | JADHAV ROHAN RAJENDRA RACHAN | 0.00 | 11.2 | 5.6 | 1.7 |
| M625 | JADHAV SURAJ MANGESH MAMATA | 5.15 | 10.2 | 5.1 | 5.1 |
| M626 | JOJO THOMAS SAJIMOL | 0.00 | 9 | 4.5 | 1.4 |
| M627 | KHAN SAJI AKHTAR NOORBEGUM | 7.54 | 13.2 | 6.6 | 7.3 |
| M628 | KHANVILKAR NIKHIL RANJIT SONAL | 6.38 | 10.4 | 5.2 | 6 |
| M629 | KHEDEKAR DNYANESH PRASANNA M | 7.04 | 10.2 | 5.1 | 6.5 |
| M630 | KHEDEKAR SHIVAM NAYAN NETRA | 0.00 | 8.4 | 4.2 | 1.3 |
| M631 | KHETALE AMEY SUDHAKAR SWATEE | 0.00 | 13.2 | 6.6 | 2 |
| M632 | KINJALKAR TUSHAR BHIKAJI VANDA | 0.00 | 13.4 | 6.7 | 2 |
| M633 | KOLWANKAR SAGAR SUBHASH VIJAY | 0.00 | 11.2 | 5.6 | 1.7 |
| M634 | KOTHEKAR SHASHANK VINAYAK SU | 0.00 | 7.6 | 3.8 | 1.1 |
| M635 | KUNDIYA RAHUL RAJU JASU | 7.58 | 13.8 | 6.9 | 7.4 |
| M636 | MADUSKAR UTKARSH SANJAY VARS | 0.00 | 9.6 | 4.8 | 1.4 |
| M637 | MANE PRANAL SHIVAJI LATA | 7.81 | 11.6 | 5.8 | 7.2 |
| M638 | MAYEKAR MAHESH DIGAMBAR DARS | 6.46 | 12.8 | 6.4 | 6.4 |
| M639 | MORE PRASAD VITTHALDAS VIJAYA | 6.73 | 10.2 | 5.1 | 6.2 |
| M640 | MORE SANKET RAJARAM MANGLA | 0.00 | 8.8 | 4.4 | 1.3 |
| M641 | MORE SHUBHAM ANIL ARACHNA | 5.77 | 9.4 | 4.7 | 5.4 |
| M642 | NARALE PRATIK SUBHASH SUMATI | 0.00 | 8.8 | 4.4 | 1.3 |
| M643 | NARALKAR SIDDHESH SANTOSH VID | 0.00 | 10.6 | 5.3 | 1.6 |
| M644 | OKATE GANESH GANGARAM ASHLES | 7.27 | 13.6 | 6.8 | 7.1 |
| M645 | PAGADE SHUBHAM KRISHNA MADHA | 0.00 | 10 | 5 | 1.5 |
| M646 | PALKAR SHRIDHAR DNYANDEO SURE | 0.00 | 7.4 | 3.7 | 1.1 |
| M647 | PARAB VISHAL KHEMRAJ VAISHALI | 0.00 | 10.2 | 5.1 | 1.5 |
| M648 | PATIL PRAJAY MOHAN LAXMI | 0.00 | 8.8 | 4.4 | 1.3 |
| M649 | PATOLE SWARAJ SANTOSH MANISHA | 0.00 | 9 | 4.5 | 1.4 |
| M650 | PAWAR SUDIP VASUNAND VASUDHA | 0.00 | 8 | 4 | 1.2 |
| M651 | PEDNEKAR ANIKET ANANDA NAVITA | 6.46 | 14 | 7 | 6.6 |
| M652 | REWALE PRATAP SURESH SULOCHAN | 7.46 | 14.4 | 7.2 | 7.4 |
| M653 | REWALE ROHAN PRAKASH PRAMILA | 6.88 | 12.2 | 6.1 | 6.6 |
| M654 | SALUNKHE RAKESH SATISH SNEHAL | 6.12 | 10.8 | 5.4 | 5.9 |
| M655 | SANDIM VIKAS PRAVIN SAVITA | 7.19 | 14 | 7 | 7.1 |
| M656 | SAWAL RAHUL ROHIDAS ROHINI | 7.08 | 12.6 | 6.3 | 6.8 |
| M657 | SAYYAD TOHID MAINUDDIN NEELAM | 6.58 | 12.6 | 6.3 | 6.5 |
| M658 | SHINDE AJAY BALASO ANJANA | 7.00 | 14 | 7 | 7 |
| M659 | SHINDE AJINKYA GANESH GAYATRI | 6.23 | 11 | 5.5 | 6 |
| M660 | SHINDE SHUBHAM SURENDRA SAYAI | 8.38 | 13.2 | 6.6 | 7.8 |

| | | | | | |
|---|---|---|---|---|---|
| M661 | SHIRKE SAGAR SURAJ SAROJ | 0.00 | 10.2 | 5.1 | 1.5 |
| M662 | SHITAP DURWANKUR KRISHNAKANT | 0.00 | 11.2 | 5.6 | 1.7 |
| M663 | TALEKAR YASH PRADIP PRIYANKA | 7.00 | 11.2 | 5.6 | 6.6 |
| M664 | TEHSILDAR SAHIL HUSSAIN BABU FA | 0.00 | 8.8 | 4.4 | 1.3 |
| M665 | TEKAWADE NIKHIL HINDESH SANGEE | 6.88 | 11.4 | 5.7 | 6.5 |
| M666 | VASAVE POOJA DATTARAM DIPIKA | 6.15 | 12.2 | 6.1 | 6.1 |
| M667 | WARANKAR SANKET SANJAY SANDH | 0.00 | 7.6 | 3.8 | 1.1 |
| M668 | ZAGADE SUNIL SUDHAKAR SUCHITA | 0.00 | 12.6 | 6.3 | 1.9 |
| M669 | SHIRKE AMEY CHANDRASHEKHAR SH | 0.00 | 0 | 0 | 0 |

| | |
|---|---|
| Slow Learners | 34 |
| Adv. Learners | 27 |
| Others | 8 |
| Total | 69 |

| | |
|---|---|
| Average | 4.01 |




| For slow learners | For advanced learners |
|---|---|
| 1. Remedial classes (minimum 02) | 1. Motivating the advanced learners to become member of a professional society and get involved in some professional activities, competitions at national/international level. |

Head
Department of Mechanical Engg.
VPM's MPCOE Velneshwar
Tal.- Guhagar (Ratnagiri) 415729

VPM'S Maharshi Parshuram College of Engineering, Velneshwar, Ratnagiri
Department of Computer Engineering
Identifying Slow Learners and Advanced Learners

**Academic Year:** 2018-19
**Class :** B.E. (Mechanical Engg.) Sem-VIII

## Identifying Slow Learners and Advanced Learners - Cycle I

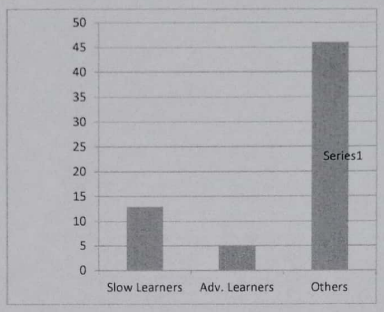
| Roll No. | Name of Students | SGPI of Current Semester M2 | Average IA Marks of all subjects ( Current Semester M1) | | | | Final Index |
|---|---|---|---|---|---|---|---|
| | | | IA - I | IA- II | Avearge | Scale of 10 | |
| M801 | AMBRE MANDAR MOHAN ANKITA | 0 | 15 | 16 | 16 | 8 | 2.4 |
| M802 | AREKAR VAIBHAV DINANATH DIPALI | 5.5 | 13 | 19 | 16 | 8 | 6.3 |
| M803 | AWALE PRATHMESH JAGDISH JYOTI | 6.71 | 19 | 19 | 19 | 9.5 | 7.5 |
| M804 | BELVALKAR KRUNAL DHANANJAY PALLAVI | 7 | 14 | 17 | 16 | 8 | 7.3 |
| M805 | CHAVAN ABHISHEK RAJENDRA PALLAVI | 5.29 | 15 | 15 | 15 | 7.5 | 6 |
| M806 | CHAVAN VINIT VILAS VARSHA | 5.75 | 15 | 15 | 15 | 7.5 | 6.3 |
| M807 | CHOUGULE SAJJAD HAMZA CHANDBIBI | 7.14 | 17 | 18 | 18 | 9 | 7.7 |
| M808 | DALVI ZEESHAN SADAQAT BILQUES | 6.71 | 15 | 17 | 16 | 8 | 7.1 |
| M809 | GHAG SANKET SHASHIKANT SMITA | 6.36 | 18 | 19 | 19 | 9.5 | 7.3 |
| M810 | GHANEKAR VAIBHAV SANDIP SUPRIYA | 0 | 11 | 12 | 12 | 6 | 1.8 |
| M811 | GUDEKAR GANESH SUNIL SHALINI | 7.11 | 20 | 19 | 20 | 10 | 8 |
| M812 | GURAV SURAJ DATTARAM DARSHANA | 6.25 | 18 | 15 | 17 | 8.5 | 6.9 |
| M813 | JADHAV RAHUL VINAYAK VRUSHALI | 5.71 | 14 | 17 | 16 | 8 | 6.4 |
| M814 | JADHAV SANDESH HARESH SHITAL | 6.68 | 19 | 17 | 18 | 9 | 7.4 |
| M815 | JADHAV SHUBHAM RAMESH KAVERI | 7.5 | 12 | 15 | 14 | 7 | 7.4 |
| M816 | JADHAV VAIBHAV PRAKASH PRATIKSHA | 6.43 | 11 | 16 | 14 | 7 | 6.6 |
| M817 | JAGUSHTE RAHUL DILIP PRIYANKA | 6.54 | 11 | 16 | 14 | 7 | 6.7 |
| M818 | JAISWAL MANISH NIRHU MADHURI | 7.18 | 15 | 17 | 16 | 8 | 7.4 |
| M819 | JOSHI SARANG SANJAY AKSHAYA | 7.43 | 19 | 19 | 19 | 9.5 | 8.1 |
| M820 | KADAM ADESH ATMARAM ANITA | 8 | 18 | 15 | 17 | 8.5 | 8.2 |
| M821 | KADAM JIVITESH ARVIND DHANASHRI | 6 | 17 | 18 | 18 | 9 | 6.9 |
| M822 | KADU RAJESH CHANDRAKANT PUSHPA | 0 | 11 | 18 | 15 | 7.5 | 2.3 |
| M823 | KASHTE KAUSHAL SUHAS SUVIDHA | 5.93 | 14 | 18 | 16 | 8 | 6.6 |
| M824 | KATARE PRATHMESH PRAKASH PRATIBHA | 6.25 | 17 | 9 | 13 | 6.5 | 6.3 |
| M825 | KEER PARAS SHRIKRISHNA SHRUTI | 6.57 | 13 | 18 | 16 | 8 | 7 |
| M826 | KHANVILKAR MANDAR MAHENDRA MANASI | 5.93 | 19 | 16 | 18 | 9 | 6.9 |
| M827 | KHATU RAHUL DHANANJAY RUPA | 6.79 | 15 | 19 | 17 | 8.5 | 7.3 |
| M828 | KHETALE SHRIRAJ VASANT VAIBHAVI | 6.18 | 15 | 15 | 15 | 7.5 | 6.6 |
| M829 | LAMBHATE ROHIT RAJENDRA VIJAYA | 5.71 | 8 | 13 | 11 | 5.5 | 5.6 |
| M830 | MAHADIK NIKHIL NATHA SHUBHANGI | 6 | 16 | 19 | 18 | 9 | 6.9 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| M831 | MANJREKAR ADITYA NANDKISHOR NIKITA | 6.21 | 14 | 19 | 17 | 8.5 | 6.9 |
| M832 | MHADAYE SAGAR MANOHAR PRIYA | 0 | 11 | 15 | 13 | 6.5 | 2 |
| M833 | MOHITE NIKHIL SUDHAKAR SHALAKA | 5.54 | 9 | 12 | 11 | 5.5 | 5.5 |
| M834 | MORE VAISHNAVI VIRDHAWAL VAISHALI | 8.5 | 20 | 20 | 20 | 10 | 9 |
| M835 | MUKADAM WALIM ABDUL REHMAN NASEEMA | 6.39 | 18 | 16 | 17 | 8.5 | 7 |
| M836 | NAIK ARBAZ ASLAM SAMEERA | 6.61 | 7 | 15 | 11 | 5.5 | 6.3 |
| M837 | NIKAM VIPUL VILAS PRIYA | 6.71 | 16 | 13 | 15 | 7.5 | 6.9 |
| M838 | PALKAR AMOL JANARDAN SUCHITA | 9.04 | 19 | 20 | 20 | 10 | 9.3 |
| M839 | PALKAR RAKESH RAMESH RANJANA | 6.96 | 20 | 19 | 20 | 10 | 7.9 |
| M840 | PANCHAL ANIKET DINESH DAKSHATA | 0 | 14 | 14 | 14 | 7 | 2.1 |
| M841 | PATIL NIKHIL ASHOK SUNITA | 0 | 15 | 15 | 15 | 7.5 | 2.3 |
| M842 | PATIL NIKHIL BHARATBHUSHAN NEHA | 5.93 | 14 | 17 | 16 | 8 | 6.6 |
| M843 | PAWASKAR AMEEN MOHAMMAD SHAFI AISHA | 0 | 9 | 14 | 12 | 6 | 1.8 |
| M844 | PAWASKAR ANIKET SANDIP SUJATA | 0 | 10 | 14 | 12 | 6 | 1.8 |
| M845 | PEDNEKAR PRATHAMESH SHIVAJI NEHA | 5.89 | 13 | 15 | 14 | 7 | 6.2 |
| M846 | PIRDANKAR PRASAD ANANT ARCHANA | 6.21 | 14 | 17 | 16 | 8 | 6.7 |
| M847 | RAHATE MANISH DNYANDEV DIPIKA | 7.79 | 20 | 18 | 19 | 9.5 | 8.3 |
| M848 | RAJWADKAR SWAPNIL NANDKISHOR NUTAN | 6.18 | 13 | 18 | 16 | 8 | 6.7 |
| M849 | SANSARE ROSHAN RAVINDRA REENA | 0 | 14 | 14 | 14 | 7 | 2.1 |
| M850 | SAWANT OMKAR WAMAN VANITA | 0 | 14 | 19 | 17 | 8.5 | 2.6 |
| M851 | SAWANT PRATHAMESH PRAKASH PRATIKSHA | 5.96 | 13 | 18 | 16 | 8 | 6.6 |
| M852 | SHAH FAKIR SAIF DILAWAR SHAHEEN | 0 | 11 | 13 | 12 | 6 | 1.8 |
| M853 | SHELKE PRANIT JAGDISH SHANTA | 6.43 | 12 | 17 | 15 | 7.5 | 6.8 |
| M854 | SHETE SHUBHAM MILIND MANASI | 5.86 | 16 | 16 | 16 | 8 | 6.5 |
| M855 | SHINDE MAYUR CHANDRAKANT CHAITRALI | 6.36 | 12 | 16 | 14 | 7 | 6.6 |
| M856 | SHINDE PUSHKAR DIPAK DIPIKA | 0 | 14 | 13 | 14 | 7 | 2.1 |
| M857 | SINGH RISHI SANTOSH USHA | 6.36 | 16 | 9 | 13 | 6.5 | 6.4 |
| M858 | SOMAN ABHIRAJ MEGHASHAM MANASI | 6.96 | 16 | 18 | 17 | 8.5 | 7.4 |
| M859 | SURVE AMEY PRAMOD PRADNYA | 7.04 | 18 | 18 | 18 | 9 | 7.6 |
| M860 | SURVE RAJAN GANESH MANJIRI | 6.5 | 17 | 13 | 15 | 7.5 | 6.8 |
| M861 | SUVARE SAISHWAR NAMDEV NAMITA | 6.29 | 12 | 14 | 13 | 6.5 | 6.4 |
| M862 | TAWDE DEVESH DILIP CHHAYA | 6.11 | 14 | 15 | 15 | 7.5 | 6.5 |
| M863 | WAJE SUBODH SUBHASH SULOCHANA | 5.96 | 12 | 13 | 13 | 6.5 | 6.1 |
| M864 | WAKADE TEJAS SHARAD SUJATA | 6.66 | 14 | 18 | 16 | 8 | 7.1 |
| M865 | WARE ABHIJIT UDAY UJWALA | 0 | 12 | 12 | 12 | 6 | 1.8 |

| | |
|---|---|
| Slow Learners | 13 |
| Adv. Learners | 5 |
| Others | 46 |
| Total | 64 |

| | |
|---|---|
| Avearage | 6 |

Head
Department of Mechanical Engg.
VPM's MPCOE Velneshwar
Tal - Guhagar (Ratnagiri) 415729




| Measures for slow learners | Measures for advanced learners |
|---|---|
| 1.Two assignments for every subject with 5 questions each (Additional than those mentioned in University syllabus) | 1. Assignments with higher degree of difficulty 2. GATE questions |

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VPM'S Maharshi Parshuram College of Engineering, Velneshwar, Ratnagiri
Department of Mechanical Engineering
Identifying Slow Learners and Advanced Learners

**Academic Year:** 2018-19
**Class :** B.E. (Mechanical Engg.) Sem-VII

**Identifying Slow Learners and Advanced Learners - Cycle II**

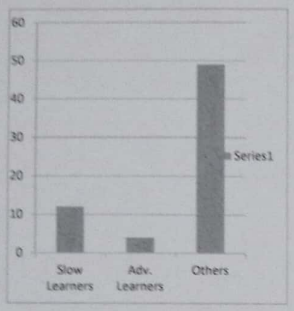
| Roll No. | Name of Students | SGPI of Current Semester M2 | Average IA Marks of all subjects ( Current Semester | | | | Final Index |
|---|---|---|---|---|---|---|---|
| | | | IA - I | IA- II | Avearge | Scale of 10 | |
| M801 | AMBRE MANDAR MOHAN ANKITA | 6.52 | 15 | 16 | 16 | 8 | 7 |
| M802 | AREKAR VAIBHAV DINANATH DIPALI | 6.3 | 13 | 19 | 16 | 8 | 6.8 |
| M803 | AWALE PRATHMESH JAGDISH JYOTI | 6.93 | 19 | 19 | 19 | 9.5 | 7.7 |
| M804 | BELVALKAR KRUNAL DHANANJAY PALLAVI | 6.96 | 14 | 17 | 16 | 8 | 7.3 |
| M805 | CHAVAN ABHISHEK RAJENDRA PALLAVI | 0 | 15 | 15 | 15 | 7.5 | 2.3 |
| M806 | CHAVAN VINIT VILAS VARSHA | 0 | 15 | 15 | 15 | 7.5 | 2.3 |
| M807 | CHOUGULE SAJJAD HAMZA CHANDBIBI | 7.3 | 17 | 18 | 18 | 9 | 7.8 |
| M808 | DALVI ZEESHAN SADAQAT BILQUES | 6.85 | 15 | 17 | 16 | 8 | 7.2 |
| M809 | GHAG SANKET SHASHIKANT SMITA | 7.11 | 18 | 19 | 19 | 9.5 | 7.8 |
| M810 | GHANEKAR VAIBHAV SANDIP SUPRIYA | 6.19 | 11 | 12 | 12 | 6 | 6.1 |
| M811 | GUDEKAR GANESH SUNIL SHALINI | 7.81 | 20 | 19 | 20 | 10 | 8.5 |
| M812 | GURAV SURAJ DATTARAM DARSHANA | 0 | 18 | 15 | 17 | 8.5 | 2.6 |
| M813 | JADHAV RAHUL VINAYAK VRUSHALI | 6.48 | 14 | 17 | 16 | 8 | 6.9 |
| M814 | JADHAV SANDESH HARESH SHITAL | 7.11 | 19 | 17 | 18 | 9 | 7.7 |
| M815 | JADHAV SHUBHAM RAMESH KAVERI | 7.07 | 12 | 15 | 14 | 7 | 7 |
| M816 | JADHAV VAIBHAV PRAKASH PRATIKSHA | 6.52 | 11 | 16 | 14 | 7 | 6.7 |
| M817 | JAGUSHTE RAHUL DILIP PRIYANKA | 7.07 | 11 | 16 | 14 | 7 | 7 |
| M818 | JAISWAL MANISH NIRHU MADHURI | 7.19 | 15 | 17 | 16 | 8 | 7.4 |
| M819 | JOSHI SARANG SANJAY AKSHAYA | 7.44 | 19 | 19 | 19 | 9.5 | 8.1 |
| M820 | KADAM ADESH ATMARAM ANITA | 7.33 | 18 | 15 | 17 | 8.5 | 7.7 |
| M821 | KADAM JIVITESH ARVIND DHANASHRI | 6.93 | 17 | 18 | 18 | 9 | 7.6 |
| M822 | KADU RAJESH CHANDRAKANT PUSHPA | 6.33 | 11 | 18 | 15 | 7.5 | 6.7 |
| M823 | KASHTE KAUSHAL SUHAS SUVIDHA | 0 | 14 | 18 | 16 | 8 | 2.4 |
| M824 | KATARE PRATHMESH PRAKASH PRATIBHA | 7.15 | 17 | 9 | 13 | 6.5 | 7 |
| M825 | KEER PARAS SHRIKRISHNA SHRUTI | 7.07 | 13 | 18 | 16 | 8 | 7.3 |
| M826 | KHANVILKAR MANDAR MAHENDRA MANASI | 0 | 19 | 16 | 18 | 9 | 2.7 |
| M827 | KHATU RAHUL DHANANJAY RUPA | 7.48 | 15 | 19 | 17 | 8.5 | 7.8 |
| M828 | KHETALE SHRIRAJ VASANT VAIBHAVI | 6.11 | 15 | 15 | 15 | 7.5 | 6.5 |
| M829 | LAMBHATE ROHIT RAJENDRA VIJAYA | 6.56 | 8 | 13 | 11 | 5.5 | 6.2 |
| M830 | MAHADIK NIKHIL NATHA SHUBHANGI | 6.18 | 16 | 19 | 18 | 9 | 7 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| M831 | MANJREKAR ADITYA NANDKISHOR NIKITA | 6.96 | 14 | 19 | 17 | 8.5 | 7.4 |
| M832 | MHADAYE SAGAR MANOHAR PRIYA | 5.89 | 11 | 15 | 13 | 6.5 | 6.1 |
| M833 | MOHITE NIKHIL SUDHAKAR SHALAKA | 5.63 | 9 | 12 | 11 | 5.5 | 5.6 |
| M834 | MORE VAISHNAVI VIRDHAWAL VAISHALI | 8.33 | 20 | 20 | 20 | 10 | 8.8 |
| M835 | MUKADAM WALIM ABDUL REHMAN NASEEMA | 6.41 | 18 | 16 | 17 | 8.5 | 7 |
| M836 | NAIK ARBAZ ASLAM SAMEERA | 6.7 | 7 | 15 | 11 | 5.5 | 6.3 |
| M837 | NIKAM VIPUL VILAS PRIYA | 6.26 | 16 | 13 | 15 | 7.5 | 6.6 |
| M838 | PALKAR AMOL JANARDAN SUCHITA | 8.44 | 19 | 20 | 20 | 10 | 8.9 |
| M839 | PALKAR RAKESH RAMESH RANJANA | 6.96 | 20 | 19 | 20 | 10 | 7.9 |
| M840 | PANCHAL ANIKET DINESH DAKSHATA | 5.78 | 14 | 14 | 14 | 7 | 6.1 |
| M841 | PATIL NIKHIL ASHOK SUNITA | 6.26 | 15 | 15 | 15 | 7.5 | 6.6 |
| M842 | PATIL NIKHIL BHARATBHUSHAN NEHA | 0 | 14 | 17 | 16 | 8 | 2.4 |
| M843 | PAWASKAR AMEEN MOHAMMAD SHAFI AISHA | 0 | 9 | 14 | 12 | 6 | 1.8 |
| M844 | PAWASKAR ANIKET SANDIP SUJATA | 6.26 | 10 | 14 | 12 | 6 | 6.2 |
| M845 | PEDNEKAR PRATHAMESH SHIVAJI NEHA | 0 | 13 | 15 | 14 | 7 | 2.1 |
| M846 | PIRDANKAR PRASAD ANANT ARCHANA | 7.04 | 14 | 17 | 16 | 8 | 7.3 |
| M847 | RAHATE MANISH DNYANDEV DIPIKA | 8.33 | 20 | 18 | 19 | 9.5 | 8.7 |
| M848 | RAJWADKAR SWAPNIL NANDKISHOR NUTAN | 0 | 13 | 18 | 16 | 8 | 2.4 |
| M849 | SANSARE ROSHAN RAVINDRA REENA | 0 | 14 | 14 | 14 | 7 | 2.1 |
| M850 | SAWANT OMKAR WAMAN VANITA | 7.19 | 14 | 19 | 17 | 8.5 | 7.6 |
| M851 | SAWANT PRATHAMESH PRAKASH PRATIKSHA | 6.44 | 13 | 18 | 16 | 8 | 6.9 |
| M852 | SHAH FAKIR SAIF DILAWAR SHAHEEN | 6.11 | 11 | 13 | 12 | 6 | 6.1 |
| M853 | SHELKE PRANIT JAGDISH SHANTA | 6.93 | 12 | 17 | 15 | 7.5 | 7.1 |
| M854 | SHETE SHUBHAM MILIND MANASI | 6.41 | 16 | 16 | 16 | 8 | 6.9 |
| M855 | SHINDE MAYUR CHANDRAKANT CHAITRALI | 7.07 | 12 | 16 | 14 | 7 | 7 |
| M856 | SHINDE PUSHKAR DIPAK DIPIKA | 6.41 | 14 | 13 | 14 | 7 | 6.6 |
| M857 | SINGH RISHI SANTOSH USHA | 5.89 | 16 | 9 | 13 | 6.5 | 6.1 |
| M858 | SOMAN ABHIRAJ MEGHASHAM MANASI | 6.85 | 16 | 18 | 17 | 8.5 | 7.3 |
| M859 | SURVE AMEY PRAMOD PRADNYA | 6.89 | 18 | 18 | 18 | 9 | 7.5 |
| M860 | SURVE RAJAN GANESH MANJIRI | 7.15 | 17 | 13 | 15 | 7.5 | 7.3 |
| M861 | SUVARE SAISHWAR NAMDEV NAMITA | 6.96 | 12 | 14 | 13 | 6.5 | 6.8 |
| M862 | TAWDE DEVESH DILIP CHHAYA | 6.07 | 14 | 15 | 15 | 7.5 | 6.5 |
| M863 | WAJE SUBODH SUBHASH SULOCHANA | 0 | 12 | 13 | 13 | 6.5 | 2 |
| M864 | WAKADE TEJAS SHARAD SUJATA | 6.96 | 14 | 18 | 16 | 8 | 7.3 |
| M865 | WARE ABHIJIT UDAY UJWALA | 0 | 12 | 12 | 12 | 6 | 1.8 |

| | |
|---|---|
| Slow Learners | 12 |
| Adv. Learners | 4 |
| Others | 49 |
| Total | 65 |

| | |
|---|---|
| Avearage | 6.22 |

**Head**
Department of Mechanical Engg.
VPM's MPCOE Velneshwar
Tal.- Guhagar (Ratnagiri) 415729




| Measures for slow learners | Measures for advanced learners |
|---|---|
| 1.Two assignments for every subject with 5 questions each (Additional than those mentioned in University syllabus) | 1. Assignments with higher degree of difficulty 2. GATE questions |

Head
Department of Mechanical Engg.
VPM's MPCOE Velneshwar
Tal.- Guhagar (Ratnagiri) 415729

Maharshi Parshuram College of Engineering, Velneshwar

## Remedial Action for Advanced Learner

### Cycle 1

Academic Year **2018-19**
Date- 30th January 2019
Branch and Semester **SEM IV Mechanical Engineering**

| SR No | GR No | Student's Name | Name of the Remedial Action (Assignment /Gate Questions /Additional Classes/ Conference and motivate them to train Slow Learners.) | Signature |
|---|---|---|---|---|
| 1 | MEC 185006 | ZIMBAR TUSHAR CHANDRAKANT ROHINI | | Zimbar |

No. of students present .....

No. of students absent .....

Total no of Slow / Advanced Learners .....

Sign of HoD
Name

Head
Department of Mechanical Engg.
VPM's MPCOE Velneshwar
Tal.- Guhagar (Ratnagiri) 415729

Sign of Class Teacher
Name Mr. Anand Birnale.

Maharshi Parshuram College of Engineering, Velneshwar

## Remedial Action for Advanced Learner

### Cycle 2

Academic Year **2018-19**
Date- 05th March 2019
Branch and Semester **SEM IV Mechanical Engineering**

| SR No | GR No | Student's Name | Name of the Remedial Action (Assignment /Gate Questions /Additional Classes/ Conference and motivate them to train Slow Learners.) | Signature |
|---|---|---|---|---|
| 1 | MEC185007 | BELWALKAR BHUSHAN DINESH VRUNDA | | |
| 2 | MEC17010 | CHAVAN ARNAV ARVIND RASHMI | | |
| 3 | MEC17F005 | CHAVAN TANMAY RAMDAS RENUKA | | |
| 4 | MEC17F018 | KOLGE SUYOG UTTAM ULKA | | |
| 5 | MEC185027 | LAD VIRAJ DILIP DIPTI | | |
| 6 | MEC17F009 | MAYEKAR SAHIL UDAY BHAGYASHREE | | |
| 7 | MEC17F002 | PALKAR RAHUL SADANAND SARITA | | |
| 8 | MEC185026 | PALYEKAR NABHESH BHANUDAS BHAGYASHREE | | |
| 9 | MEC17F017 | PARANJPE SAMEER PRAKASH LEENA | | |
| 10 | MEC17F006 | PAWAR RAJANIKANT RAVINDRA RESHMA | | |
| 11 | | SAWANT SAURABH VISHWAS SUCHITA | | |
| 12 | MEC185008 | SHIRKE TUSHAR VIJAY VIDYA | | |
| 13 | MEC185006 | ZIMBAR TUSHAR CHANDRAKANT ROHINI | | |

No. of students present .....
No. of students absent .....
Total no of Slow / Advanced Learners .....

Sign of HoD
Name

Head
Department of Mechanical Engg.
VPM's MPCOE Velneshwar
Tal.- Guhagar (Ratnagiri) 415729

Sign of Class Teacher
Name Mr. Anand Birodkar

Maharshi Parshuram College of Engineering, Velneshwar

## Remedial Action for Slow Learner

### Cycle 1

Academic Year **2018-19**
Date- 30th January 2019
Branch and Semester **SEM IV Mechanical Engineering**

| SR No | GR No | Student's Name | Name of the Remedial Action (Assignment /Gate Questions /Additional Classes/ Conference and motivate them to train Slow Learners.) | Signature |
|---|---|---|---|---|
| 1 | | GOTAD SANKET SHANKAR JAYASHRE | | |
| 2 | MEC17F009 | MAYEKAR SAHIL UDAY BHAGYASHRE | | |
| 3 | MEC17F017 | PARANJPE SAMEER PRAKASH LEENA | | |
| 4 | MEC17F014 | TATKARE KAUSHAL ARVIND ANUJA | | |
| 5 | MEC16F003 | TAWADE SANDESH SURESH SUSHAMA | MEC16F003 | |
| 6 | MEC17F007 | PAGADE VISHAL VIJAY VIJAYA (P) | | |

No. of students present .....

No. of students absent .....

Total no of Slow / Advanced Learners .....

Sign of HoD
Name

Head
Department of Mechanical Engg.
VPM's MPCOE Velneshwar
Tal.- Guhagar (Ratnagiri) 415729

Sign of Class Teacher
Name Mr. Anand Birgelor

Maharshi Parshuram College of Engineering, Velneshwar

## Remedial Action for Slow Learner

### Cycle 2

Academic Year **2018-19**
Date- 05th March 2019
Branch and Semester **SEM IV Mechanical Engineering**

| SR No | GR No | Student's Name | Name of the Remedial Action (Assignment /Gate Questions /Additional Classes/ Conference and motivate them to train Slow Learners.) | Signature |
|---|---|---|---|---|
| 1 | MEC17F011 | AMDEKAR CHAITANYA PRASAD ANJALI | | |
| 2 | MEC185012 | BHOSALE AKSHAY NILKANTH NILIMA | | |
| 3 | MEC185022 | CHAVAN VANDESH KIRAN RUPALI | | |
| 4 | MEC185017 | CHILE SHUBHAM DILIP DAKSHATA | | |
| 5 | MEC185009 | GANPULE SARVESH RAMCHANDRA RASIKA | | |
| 6 | MEC185002 | GAVANKAR RUSHIKESH JANARDAN SNEHAL | | |
| 7 | MEC 17F014 | GAWADE JAY RAJENDRA MUGDHA | | |
| 8 | | GOTAD SANKET SHANKAR JAYASHREE | | |
| 9 | MEC185023 | JADHAV VINAYAK SHARAD SHEETAL | MEC185023 | |
| 10 | MEC17F004 | KOLGE OMKAR AJIT ARCHANA | | |
| 11 | MEC17P019 | KULKARNI SHIVRAJ SHIVRAM SUNAND | | |
| 12 | MEC185008 | PADIYAR TIKAM ARJUN KAILASI | | |
| 13 | MEC185005 | PALANDE VIVEK VILAS UJJWALA | | |
| 14 | MEC185004 | PANGALE SANKET SHANKAR SHARMILA | MEC185004 | |
| 15 | MEC185014 | PAWAR ANIKET DIPAK PRAJAKTA | | |
| 16 | MEC185021 | PEDHAMBKAR ROSHAN RAVINDRA RESHMA | | |
| 17 | MEC185010 | PISE KRISHNA KIRAN SEEMA | | |
| 18 | MEC185001 | SAURAJ MUSADDIQUR REHMAN UMAR SADIQUE | MEC185001 | |

| | | | | |
|---|---|---|---|---|
| 19 | MEC18S019 | SAWANT ADITYA JAYANT JYOSTNA | MEC18S019 | |
| 20 | MEC18S024 | SAWANT ANUJ ARVIND ANJANI | MEC18S024 | |
| 21 | MEC18S011 | SHELAR SWARUP ANKUSH AKSHAYA | MEC18S011 | |
| 22 | MEC18S003 | SURVE ABHISHEK DIPAK DARSHANA | MEC18S003 | |
| 23 | MEC18S020 | SURVE OMKAR SURESH KOMAL | MEC18S020 | |
| 24 | MEC17F013 | TATKARE KAUSHAL ARVIND ANUJA | MEC17F013 | |
| 25 | MEC16F003 | TAWADE SANDESH SURESH SUSHAMA | MEC16F003 | |
| 26 | | PAGADE VISHAL VIJAY VIJAYA (P) | MEC17F007 | |
| 27 | | BHOSALE SOHAM VINOD MANALI | MEC18S016 | |

No. of students present .....

No. of students absent .....

Total no of Slow / Advanced Learners .....

Sign of HoD
Name

Head
Department of Mechanical Engg.
VPM's MPCOE Velneshwar
Tal.- Guhagar (Ratnagiri) 415729

Sign of Class Teacher
Name
Mr. Anand Birodkar

Maharshi Parshuram College of Engineering, Velneshwar

## Remedial Action for Slow Learner)

## Cycle 1

Academic Year **2018-19**
Date- 30th January 2019
Branch and Semester **SEM VI Mechanical Engineering**

| SR No | GR No | Student's Name | Name of the Remedial Action (Assignment /Gate Questions /Additional Classes/ Conference and motivate them to train Slow Learners.) | Signature |
|---|---|---|---|---|
| 1 | MEC175032 | BHADSAVALE CHINAR SUDHIR KANCHAN | — | |
| 2 | MEC175031 | BHAIRAVKAR SAMEER SANTOSH SEEMA | | |
| 3 | MEC16F008 | BHAVE HRISHIKESH PRAKASH PRACHI | — | |
| 4 | MEC175013 | BHOSALE PRASAD RAJENDRA RAJNANDINI | | |
| 5 | | CHAVAN SHUBHAM NANDKISHOR NALINEE | | |
| 6 | MEC175014 | CHILE SHUBHAM SHIVAJI POOJA | | |
| 7 | MEC175045 | CHOGALE SUJIT DAMODAR SHEVANTI | | |
| 8 | MEC175043 | DONGARE YOGESH SANJAY SHILPA | | |
| 9 | MEC175001 | GHADE PANKAJ PUNDALIK PRAGATI | | |
| 10 | MEC175054 | GHADI SANDESH RAMESH RAMIKA | | |
| 11 | MEC16F003 | GURAV OMKAR VIJAY VAISHALI | | |
| 12 | MEC175020 | HALAYE SAURABH HARESH HARSHADA | | |
| 13 | | HAREKAR ROSHAN RAMJI MANGAL | | |
| 14 | MEC175010 | JADHAV RITESH SUDHAKAR SNEHA | | |
| 15 | MEC175040 | JADHAV ROHAN RAJENDRA RACHANA | | |
| 16 | MEC16F013 | JADHAV SURAJ MANGESH MAMATA | | |
| 17 | MEC175053 | KINJALKAR TUSHAR BHIKAJI VANDANA | | |

| | | | | |
|---|---|---|---|---|
| 18 | MEC175003 | KOTHEKAR SHASHANK VINAYAK SUJATA | | |
| 19 | MEC175041 | MADUSKAR UTKARSH SANJAY VARSHA | | |
| 20 | MEC175018 | MAYEKAR MAHESH DIGAMBAR DARSHANA | | |
| 21 | MEC175019 | MORE PRASAD VITTHALDAS VIJAYA | | |
| 22 | MEC175023 | NARALE PRATIK SUBHASH SUMATI | | |
| 23 | MEC175047 | NARALKAR SIDDHESH SANTOSH VIDYA | | |
| 24 | MEC175056 | PAGADE SHUBHAM KRISHNA MADHAVI | | |
| 25 | MEC175002 | PALKAR SHRIDHAR DNYANDEO SUREKHA | | |
| 26 | MEC175067 | PARAB VISHAL KHEMRAJ VAISHALI | | |
| 27 | MEC175055 | PATIL PRANAY MOHAN LAXMI | | |
| 28 | MEC175027 | PATOLE SWARAJ SANTOSH MANISHA | | |
| 29 | MEC175023 | PAWAR SUDIP VASUNAND VASUDHA | | |
| 30 | MEC175006 | PEDNEKAR ANIKET ANANDA NAVITA | | |
| 31 | MEC175039 | REWALE ROHAN PRAKASH PRAMILA | | |
| 32 | MEC16F018 | SAYYAD TOHID MAINUDDIN NEELAM | | |
| 33 | MEC175016 | SHINDE AJAY BALASO ANJANA | | |
| 34 | MEC175028 | SHIRKE SAGAR SURAJ SAROJ | | |
| 35 | MEC175005 | SHITAP DURWANKUR KRISHNAKANT MANALI | | |
| 36 | MEC175029 | TEHSILDAR SAHIL HUSSAIN BABU FARIDA | | |
| 37 | MEC175030 | VASAVE POOJA DATTARAM DIPIKA | | |
| 38 | MEC13F029 | WARANKAR SANKET SANJAY SANDHYA | | |
| 39 | MEC175008 | ZAGADE SUNIL SUDHAKAR SUCHITA | | |
| 40 | | SHIRKE AMEY CHANDRASHEKHAR SHIVANI (P) | | |

No. of students present .....
No. of students absent .....
Total no of Slow

Sign of HoD
Name

Head
Department of Mechanical Engg.
VPM's MPCOE Velneshwar
Tal.- Guhagar (Ratnagiri) 415729

Sign of Class Teacher
Name Mr. Anand Patange

Maharshi Parshuram College of Engineering, Velneshwar

## Remedial Action for Slow Learner

### Cycle 2

Academic Year **2018-19**
Date- 05th March 2019
Branch and Semester **SEM VI Mechanical Engineering**

| SR No | GR No | Student's Name | Name of the Remedial Action (Assignment /Gate Questions /Additional Classes/ Conference and motivate them to train Slow Learners.) | Signature |
|---|---|---|---|---|
| 1 | MEC175031 | BHAIRAVKAR SAMEER SANTOSH SEEMA | | |
| 2 | MEC175009 | CHAVAN SHUBHAM NANDKISHOR NALINEE | | |
| 3 | MEC175014 | CHILE SHUBHAM SHIVAJI POOJA | | |
| 4 | MEC175045 | CHOGALE SUJIT DAMODAR SHEVANTI | | |
| 5 | MEC175004 | DHOKE PRATHAMESH VISHNU SNEHANKITA | | |
| 6 | MEC175043 | DONGARE YOGESH SANJAY SHILPA | | |
| 7 | MEC179001 | GHADE PANKAJ PUNDALIK PRAGATI | | |
| 8 | MEC14F003 | GURAV OMKAR VIJAY VAISHALI | | |
| 9 | MEC175020 | HALAYE SAURABH HARESH HARSHADA | | |
| 10 | MEC175015 | HAREKAR ROSHAN RAMJI MANGAL | | |
| 11 | MEC175010 | JADHAV RITESH SUDHAKAR SNEHA | | |
| 12 | MEC175040 | JADHAV ROHAN RAJENDRA RACHANA | | |
| 13 | MEC175026 | JOJO THOMAS SAJIMOL | | |
| 14 | MEC175021 | KHEDEKAR SHIVAM NAYAN NETRA | | |
| 15 | MEC16F001 | KHETALE AMEY SUDHAKAR SWATEE | | |
| 16 | MEC175013 | KINJALKAR TUSHAR BHIKAJI VANDANA | | |
| 17 | MEC175011 | KOLWANKAR SAGAR SUBHASH VIJAYA | | |

| | | | | |
|---|---|---|---|---|
| 18 | MEC175003 | KOTHEKAR SHASHANK VINAYAK SUJATA | | |
| 19 | MEC175041 | MADUSKAR UTKARSH SANJAY VARSHA | | |
| 20 | MEC16F012 | MORE SANKET RAJARAM MANGLA | | |
| 21 | MEC175023 | NARALE PRATIK SUBHASH SUMATI | | |
| 22 | MEC175007 | NARALKAR SIDDHESH SANTOSH VIDYA | | |
| 23 | MEC175056 | PAGADE SHUBHAM KRISHNA MADHAVI | | |
| 24 | MEC175002 | PALKAR SHRIDHAR DNYANDEO SUREKHA | | |
| 25 | MEC175047 | PARAB VISHAL KHEMRAJ VAISHALI | | |
| 26 | MEC175055 | PATIL PRANAY MOHAN LAXMI | | |
| 27 | MEC175027 | PATOLE SWARAJ SANTOSH MANISHA | | |
| 28 | MEC175023 | PAWAR SUDIP VASUNAND VASUDHA | | |
| 29 | MEC175028 | SHIRKE SAGAR SURAJ SAROJ | | |
| 30 | MEC175005 | SHITAP DURWANKUR KRISHNAKANT MANALI | | |
| 31 | MEC13F029 | WARANKAR SANKET SANJAY SANDHYA | | |
| 32 | MEC175008 | ZAGADE SUNIL SUDHAKAR SUCHITA | | |

No. of students present .....

No. of students absent .....

Total no of Slow / Advanced Learners .....

Sign of HoD
Name

**Head**
Department of Mechanical Engg.
VPM's MPCOE Velneshwar
Tal.- Guhagar (Ratnagiri) 415729

Sign of Class Teacher
Name Mr. Anand Patange

Maharshi Parshuram College of Engineering, Velneshwar

## Remedial Action for Advanced Learner

### Cycle 1

Academic Year **2018-19**
Date- 30th January 2019
Branch and Semester **SEM VI Mechanical Engineering**

| SR No | GR No | Student's Name | Name of the Remedial Action (Assignment /Gate Questions /Additional Classes/ Conference and motivate them to train Slow Learners.) | Signature |
|---|---|---|---|---|
| 1 | MEC175036 | BARGIR AMAN ALTAF ANISA | | |
| 2 | MEC16F015 | BELWALKAR NEERAJ RAJENDRA SHRADDHA | | |
| 3 | MEC16F009 | BHUVAD PARAG PRAKASH PRAJAKTA | | |
| 4 | MEC16F002 | DALVI SUYOG RAMAKANT MEGHNA | — | |
| 5 | MEC175022 | DAWATE YOGESH MAHENDRA MANISHA | | |
| 6 | MEC175004 | DHOKE PRATHAMESH VISHNU SNEHANKITA | | |
| 7 | MEC175042 | GHAG PRALAY PRAKASH SHITAL | | |
| 8 | MEC16F007 | GOKHALE UNMESH GOPALKRUSHNA SMITA | | |
| 9 | MEC16F005 | GOTAD RUSHIKESH RAVINDRA ROHINI | | |
| 10 | MEC175026 | JOJO THOMAS SAJIMOL | | |
| 11 | MEC175037 | KHAN SAJID AKHTAR NOORBEGUM | | |
| 12 | MEC16F014 | KHANVILKAR NIKHIL RANJIT SONAL | | |
| 13 | MEC175021 | KHEDEKAR SHIVAM NAYAN NETRA | | |
| 14 | MEC16F001 | KHETALE AMEY SUDHAKAR SWATEE | | |
| 15 | MEC175017 | KUNDIYA RAHUL RAJU JASU | | |
| 16 | MEC175025 | MANE PRANAL SHIVAJI LATA | | |
| 17 | MEC16F017 | OKATE GANESH GANGARAM ASHLESH | | |
| 18 | MEC175051 | REWALE PRATAP SURESH SULOCHANA | | |
| 19 | MEC16F010 | SALUNKHE RAKESH SATISH | | |

| | | | | |
|---|---|---|---|---|
| | | SNEHAL | | |
| 20 | MEC175012 | SANDIM VIKAS PRAVIN SAVITA | | Vikas |
| 21 | MEC175048 | SAWAL RAHUL ROHIDAS ROHINI | | Rahul |
| 22 | MEC175033 | SHINDE AJINKYA GANESH GAYATRI | | Ajinkya |
| 23 | MEC16F011 | SHINDE SHUBHAM SURENDRA SAYALI | | Shinde |
| 24 | MEC175038 | TALEKAR YASH PRADIP PRIYANKA | | Yashraj |

No. of students present .....

No. of students absent .....

Total no of Slow / Advanced Learners .....

Sign of HoD
Name

Head
Department of Mechanical Engg.
VPM's MPCOE Velneshwar
Tal.- Guhagar (Ratnagiri) 415729

Sign of Class Teacher
Name Mr. Anand Patange

Maharshi Parshuram College of Engineering, Velneshwar

## Remedial Action for Advanced Learner

### Cycle 2

Academic Year **2018-19**
Date- 05th March 2019
Branch and Semester **SEM VI Mechanical Engineering**

| SR No | GR No | Student's Name | Name of the Remedial Action (Assignment /Gate Questions /Additional Classes/ Conference and motivate them to train Slow Learners.) | Signature |
|---|---|---|---|---|
| 1 | MEC17S036 | BARGIR AMAN ALTAF ANISA | | |
| 2 | MEC16F015 | BELWALKAR NEERAJ RAJENDRA SHRADDHA | | |
| 3 | MEC17S032 | BHADSAVALE CHINAR SUDHIR KANCHAN | — | |
| 4 | MEC16F008 | BHAVE HRISHIKESH PRAKASH PRACHI | | |
| 5 | MEC17S013 | BHOSALE PRASAD RAJENDRA RAJNANDINI | | |
| 6 | MEC16F009 | BHUVAD PARAG PRAKASH PRAJAKTA | | |
| 7 | MEC16F002 | DALVI SUYOG RAMAKANT MEGHNA | — | |
| 8 | MEC17S022 | DAWATE YOGESH MAHENDRA MANISHA | | |
| 9 | MEC17S054 | GHADI SANDESH RAMESH RAMIKA | | |
| 10 | MEC17S042 | GHAG PRALAY PRAKASH SHITAL | | |
| 11 | MEC16F007 | GOKHALE UNMESH GOPALKRUSHNA SMITA | | |
| 12 | MEC16F005 | GOTAD RUSHIKESH RAVINDRA ROHINI | | |
| 13 | MEC17S037 | KHAN SAJID AKHTAR NOORBEGUM | | |
| 14 | MEC16F014 | KHANVILKAR NIKHIL RANJIT SONAL | | |
| 15 | MEC17S046 | KHEDEKAR DNYANESH PRASANNA MEERA | | |
| 16 | MEC17S017 | KUNDIYA RAHUL RAJU JASU | | |
| 17 | MEC17S025 | MANE PRANAL SHIVAJI LATA | | |
| 18 | MEC17S018 | MAYEKAR MAHESH DIGAMBAR DARSHANA | | |

| | | | | |
|---|---|---|---|---|
| 19 | MEC175019 | MORE PRASAD VITTHALDAS VIJAYA | | |
| 20 | MEC16F017 | OKATE GANESH GANGARAM ASHLESHA | | |
| 21 | MEC175006 | PEDNEKAR ANIKET ANANDA NAVITA | | |
| 22 | MEC175051 | REWALE PRATAP SURESH SULOCHANA | | |
| 23 | MEC175039 | REWALE ROHAN PRAKASH PRAMILA | | |
| 24 | mec16f010 | SALUNKHE RAKESH SATISH SNEHAL | | |
| 25 | MEC175052 | SANDIM VIKAS PRAVIN SAVITA | | |
| 26 | MEC175048 | SAWAL RAHUL ROHIDAS ROHINI | | |
| 27 | MEC16F018 | SAYYAD TOHID MAINUDDIN NEELAM | | |
| 28 | MEC175016 | SHINDE AJAY BALASO ANJANA | | |
| 29 | MEC175033 | SHINDE AJINKYA GANESH GAYATRI | | |
| 30 | MEC16F011 | SHINDE SHUBHAM SURENDRA SAYALI | | |
| 31 | MEC175038 | TALEKAR YASH PRADIP PRIYANKA | | |
| 32 | MEC175050 | TEKAWADE NIKHIL HINDESH SANGEETA | | |
| 33 | MEC175030 | VASAVE POOJA DATTARAM DIPIKA | | |

No. of students present .....

No. of students absent .....

Total no of Slow / Advanced Learners .....

Sign of HoD
Name

Head
Department of Mechanical Engg.
VPM's MPCOE Velneshwar
Tal.- Guhagar (Ratnagiri) 415729

Sign of Class Teacher
Name Mr. Anand Patange

Maharshi Parshuram College of Engineering, Velneshwar

## Remedial Action for Advanced Learner

### Cycle 1

Academic Year **2018-19**
Date- 30th January 2019
Branch and Semester **SEM VIII Mechanical Engineering**

| SR No | GR No | Student's Name | Name of the Remedial Action (Assignment /Gate Questions /Additional Classes/ Conference and motivate them to train Slow Learners.) | Signature |
|---|---|---|---|---|
| 1 | MEC15F22 | JOSHI SARANG SANJAY AKSHAYA | | |
| 2 | MEC15F011 | KADAM ADESH ATMARAM ANITA | | |
| 3 | MEC15F23 | MORE VAISHNAVI VIRDHAWAL VAISHALI | | |
| 4 | MEC16S016 | PALKAR AMOL JANARDAN SUCHITA | | |
| 5 | MEC15F010 | RAHATE MANISH DNYANDEV DIPIKA | | |

No. of students present .....

No. of students absent .....

Total no of Slow / Advanced Learners .....

Sign of HoD
Name

Head
Department of Mechanical Engg.
VPM's MPCOE Velneshwar
Tal.- Guhagar (Ratnagiri) 415729

Sign of Class Teacher
Name
Mr. P. P. Sharma

Maharshi Parshuram College of Engineering, Velneshwar

## Remedial Action for Advanced Learner

## Cycle 2

Academic Year **2018-19**
Date- 05th March 2019
Branch and Semester **SEM VIII Mechanical Engineering**

| SR No | GR No | Student's Name | Name of the Remedial Action (Assignment /Gate Questions /Additional Classes/ Conference and motivate them to train Slow Learners.) | Signature |
|---|---|---|---|---|
| 1 | MEC15F004 | GUDEKAR GANESH SUNIL SHALINI | | Ggudekar.. |
| 2 | MEC15F23 | MORE VAISHNAVI VIRDHAWAL VAISHALI | | Vmore.. |
| 3 | MEC16S016 | PALKAR AMOL JANARDAN SUCHITA | | |
| 4 | | RAHATE MANISH DNYANDEV DIPIKA | | |

No. of students present .....

No. of students absent .....

Total no of Slow / Advanced Learners .....

Sign of HoD
Name

Head
Department of Mechanical Engg.
VPM's MPCOE Velneshwar
Tal - Guhagar (Ratnagiri) 415729

Sign of Class Teacher
Name
Mr P. P. Sharma

Maharshi Parshuram College of Engineering, Velneshwar

## Remedial Action for Slow Learner

### Cycle 1

Academic Year **2018-19**
Date- 30th January 2019
Branch and Semester **SEM VIII Mechanical Engineering**

| SR No | GR No | Student's Name | Name of the Remedial Action (Assignment /Gate Questions /Additional Classes/ Conference and motivate them to train Slow Learners.) | Signature |
|---|---|---|---|---|
| 1 | MEC165026 | AMBRE MANDAR MOHAN ANKITA | | |
| 2 | MEC155024 | GHANEKAR VAIBHAV SANDIP SUPRIYA | | |
| 3 | MEC14F014 | KADU RAJESH CHANDRAKANT PUSHPA | | |
| 4 | MEC13F019 | MHADAYE SAGAR MANOHAR PRIYA | | |
| 5 | MEC165036 | PANCHAL ANIKET DINESH DAKSHATA | | |
| 6 | MEC13F012 | PATIL NIKHIL ASHOK SUNITA | | |
| 7 | MEC13F039 | PAWASKAR AMEEN MOHAMMAD SHAFI AISHA | | |
| 8 | MEC· | PAWASKAR ANIKET SANDIP SUJATA | | |
| 9 | MEC165006 | SANSARE ROSHAN RAVINDRA REENA | | |
| 10 | MEC165038 | SAWANT OMKAR WAMAN VANITA | | |
| 11 | MEC165033 | SHAH FAKIR SAIF DILAWAR SHAHEEN | | |
| 12 | MEC1· | SHINDE PUSHKAR DIPAK DIPIKA | | |
| 13 | MEC165042 | WARE ABHIJIT UDAY UJWALA | | |

No. of students present .....

No. of students absent .....

Total no of Slow / Advanced Learners .....

Sign of HoD
Name

Head
Department of Mechanical Engg.
VPM's MPCOE Velneshwar
Tal.- Guhagar (Ratnagiri) 415723

Sign of Class Teacher
Name
Mr. P. P. Sharma

Maharshi Parshuram College of Engineering, Velneshwar

## Remedial Action for Slow Learner

### Cycle 2

Academic Year **2018-19**
Date- 05th March 2019
Branch and Semester **SEM VIII Mechanical Engineering**

| SR No | GR No | Student's Name | Name of the Remedial Action (Assignment /Gate Questions /Additional Classes/ Conference and motivate them to train Slow Learners.) | Signature |
|---|---|---|---|---|
| 1 | MEC14F010 | CHAVAN ABHISHEK RAJENDRA PALLAVI | | |
| 2 | MEC15F021 | CHAVAN VINIT VILAS VARSHA | NA | |
| 3 | MEC165029 | GURAV SURAJ DATTARAM DARSHANA | | |
| 4 | MEC165032 | KASHTE KAUSHAL SUHAS SUVIDHA | | |
| 5 | MEC165011 | KHANVILKAR MANDAR MAHENDRA MANASI | | |
| 6 | MEC165028 | PATIL NIKHIL BHARATBHUSHAN NEHA | | |
| 7 | MEC13F039 | PAWASKAR AMEEN MOHAMMAD SHAFI AISHA | | |
| 8 | MEC165030 | RAJWADKAR SWAPNIL NANDKISHOR NUTAN | | |
| 9 | MEC165006 | SANSARE ROSHAN RAVINDRA REENA | | |
| 10 | MEC165013 | WAJE SUBODH SUBHASH SULOCHANA | | |
| 11 | MEC165042 | WARE ABHIJIT UDAY UJWALA | | |
| 12 | MEC169002 | PEDNEKAR PRATHAMESH SHIVAJI NEHA | | |

No. of students present .....

No. of students absent .....

Total no of Slow / Advanced Learners .....

Sign of HoD
Name

Head
Department of Mechanical Engg.
VPM's MPCOE Velneshwar
Tal.- Guhagar (Ratnagiri) 415729

Sign of Class Teacher
Name
Mr. P. P. Sharma

# Vidya Prasarak Mandal's
# Maharshi Parshuram College of Engineering, Velneshwar
*(Affiliated to **University of Mumbai**)*

**Subject: Industrial Engineering and Management**
**Sem: VIII**

## Assignment-1 (Slow Learners)

Date- 8 march 2019

Q.1- Define industrial engineering and discuss the roll of industrial engineer.

Q.2- Explain 10 advantages of value analysis.

Q.3- Explain five method study symbols for recording the facts.

Q.4-Short note on multiple activity chart.

Q.5-Explain factors considered for plant location decision.

## Assignment-2 (Slow Learners)

Date- 08 march 2019

Q.1- Define concept of exchange value.

Q.2- Explain importance of micro motion study.

Q.3- Short note on product layout.

Q.4-Short note on total factor productivity

Q.5-Define concept of salvage value.

**Roll no:** M801, M810, M822, M832, M840, M841, M843, M844, M849, M850, M852, M856, M865

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Subject Teacher

Mr. Mahesh Kale

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**Subject: Industrial Engineering and Management**
**Sem: VIII**

## Assignment-1 (Advance Learners)

Date- 08 march 2019

Q.1- Define Taylor-Davis model of productivity measuring.

Q.2- Explain 'Function' check list of value analysis.

Q.3- Explain principles of motion economy.

Q.4-Short note on unit load concept.

Q.5-Explain 10 therbligs symbols, their code, colour and description.

## Assignment-2 (Advance Learners)

Date- 08 march 2019

Q.1- Short note on functional and technological depreciation.

Q.2- Explain APC productivity model

Q.3- Explain SIMO chart of motion analysis.

Q.4-Short note on esteem and use value.

Q.5-Explain factor rating method for evaluation of multi-facility location.

**Roll No.:** M819, M820, M834, M838, M847

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## Remedial Action for Advance Learner Cycle 1

**Subject:- Renewable Energy Sources** **Assignment: 01**

Q1) Write any three different types of Renewable energy sources & explain?

Q2) Determine the altitude and Zenith angle at 3pm on june 15 mumbai ( latitude 18 54 N, longitude 72 49 E)

Q3) With neat sketch explain solar pond?

Q4) what are the advantage & disadvantage of biological conversion of solar energy?

Q5) what are the characteristics of geothermal steam?

Q6) Give a brief note on prospects of geothermal energy in context to India?

Q7) Explain with sketches the various methods of tidal power generation, what are the limitations of each methods?

Q8) Explain the constructional details and working of KVIC digester?

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## Remedial Action for Slow Learner Cycle 1

**Subject:- Renewable Energy Sources**

**Assignment: 01**

Q1) What are the primary and secondary energy sources and explain them?

Q2) Enlist the methods of direct energy conversion and describe in brief?

Q3) Elaborate the term Fuel cells

Q4) Classify the methods of solar energy storage?

Q5) Write the main application of solar pond? Describe brief?

**Assignment: 02**

Q1) Describe passive solar space heating system?

Q2) Write a note on solar distillation?

Q3) Derive the expression for power developed due to wind

Q4) Elaborate the working of Wind energy system?

Q5) How the biomass conversion taking place explain them?

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**Subject: Design of Mechanical System advance Lerner assignment II**
**Class: B.E. Mechanical**

1. Explain the belt advantage and disadvantage of hoisting mechanism.

2. Design diesel engine for following specification

BP = 5kw,N =1200rpm,$p_{mean}$=.35 mpa and efficiency 80%.

3. An inclined conveyor handles an ore having density of 1.5 t/m3. The material has to be conveyed over a distance of 2 kms and a height of 450m. if the belt speed is to be 120m/mim, then determine standard width of four ply. Material is conveyed at 3 t/hr. also determine diameter and width of drive pulley. K1=2.5 and K2=80..

4. Following Data refers to a flat belt conveyor for transporting crushed rock:
   Mass density=3 ton/m3
   Belt speed=2 m/s
   Belt width=1.2m
   K for surcharge angle 25 degree=2.35 x 10-4
   Determine capacity of conveyor in ton/hr.

5. A horizontal belt conveyor is used for transporting the bulk material having mass density 2000kg/m3.The surcharge factor C for the belt width is 950mm.If Belt speed is 1.75m/s, determine capacity of conveyor.

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**Subject: Design of Mechanical System advance Lerner assignment**
**Class: B.E. Mechanical**

1. Explain the belt conveyor system? Derive the belt width formula.
2. What is design also explain steps in design with example.
3. Classify and explain belt conveyor system.
4. Following Data refers to a flat belt conveyor for transporting crushed rock:
   Mass density=2 ton/m3
   Belt speed=1.75 m/s
   Belt width=0.8m
   K for surcharge angle 25 degree=2.35 x 10-4
   Determine capacity of conveyor in ton/hr.
5. A horizontal belt conveyor is used for transporting the bulk material having mass density 1200kg/m3.The surcharge factor C for the belt width is 650mm.If Belt speed is 1.75m/s,determinr capacity of conveyor.

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**Subject: Design of Mechanical System Slow Lerner assignment**
**Class: B.E. Mechanical**

1. The horizontal flat conveyor is used for transporting 500 metric ton of iron ore/Hr at belt speed of 1.5m/s. The mass density of ore is 1800kg/m3 .if surcharge angle is 20 Degree, determine the required belt width.
2. Explain the various design technique.
3. What is design morphology explain.
4. Briefly explain concept on material handling.
5. What is basic objective of material handling?

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**Subject: Design of Mechanical System  Slow Lerner assignment II**
**Class: B.E. Mechanical**

1. What are the advantages of Cylinder liners? What are dry and wet cylinder liners? State merits and demerits of dry and wet liners.
2. Draw a neat sketch of piston showing its various elements and also state function of each element.
3. Why piston rings are provided on pistons? state function of compression and scraper rings.
4. Design a cylinder, cylinder head and cylinder head studs for a four stroke C.I engine with the following data :
   Brake power = 5 KW
   Engine speed = 1200 rpm
   Indicated mean effective pressure = 0.35 N/mm 2
   Maximum gas pressure = 3.5 N/mm 2
   Mechanical efficiency = 80 %
   Compression ratio = 12
   Reboring factor C1 = 4.0 mm
   Cylinder head thickness constant k 1 = 0.35
   assume Allowable stresses based on material,
5. The cylinder of a four stroke diesel engine produces 5 kW power at 600 rpm. IMEP is 0.5 MPa, assuming 80% mechanical efficiency and ratio of stroke to length as 1.5, Determine

   1. Bore and length of cylinder liner
   2. Thickness of cylinder liner
   3. thickness of cylinder head
   4. Size and number of studs

   Take allowable tensile stress for liner material as 30 MPa and for studs 50 MPa.

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## Remedial Action for Slow Learner Cycle 1

**Subject:- Business Process Reengineering** Sem-VIII

**Assignment: 01**

Q1) Write in details seven myths in BPR?

Q2) Implementation of BPR? Justify?

Q3) Explain project planning in BPR?

Q4) State the points of variation between BPR & TQM?

Q5) Explain consideration in BPR?

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**Remedial Action for Advance Learner Cycle 1**

Sub: ~~DDDE~~ B.P.R **Assignment: 01** Sem. VIII th

Q1) Write in detail about fish bone diagram?

Q2) Write deming's PDCA cycle?

Q3) Ellaborate six sigma technique?

Q4) Write five M methods?

Q5) Write 4P methods?

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## Remedial Action for Advance Learner Cycle 1

**Subject:- Finite Element Analysis** **Assignment: 01**

Q1)

In the sequence of 12 consecutive odd numbers the sum of first 5 numbers is 425 then the sum of last 5 numbers in sequence is _____.

Q2)

A five digit is formed using the digits 1, 3, 5, 7 & 9 without repeating any one of them. What is the sum of all such possible five digit numbers?

(A) 6666660 (B) 6666600 (C) 6666666 (D) 6666606

Q3)

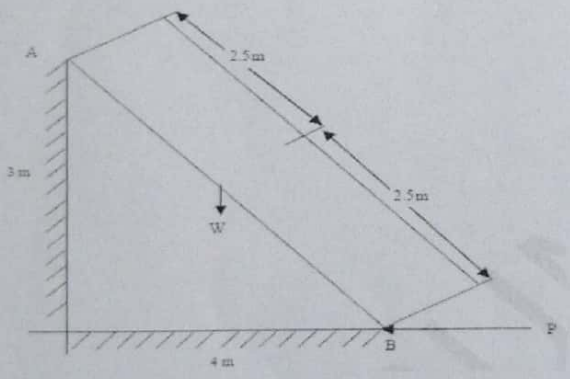
If $\mu$ of elastic material is 0.4. The ratio of modulus of rigidity to young's modulus is _____.

Q4)

A bolt of major diameter 12 mm is required to clamp two steel plates. Cross-sectional area of the threaded portion of the bolt is 84.3 $mm^2$, length of threaded portion in grip is 30 mm while the length of unthreaded portion in grip is 8 mm. E= 200 GPa. The effective stiffness in (MN/m) of the bolt clamped zone is _____.

Q5)

A ladder AB of length 5 m & weight 600 N is resting against a wall. Assuming frictionless contact at the floor B & wall A the magnitude of force P (in N) required N maintain equilibrium ladder is _____.

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## Remedial Action for Slow Learner Cycle 1

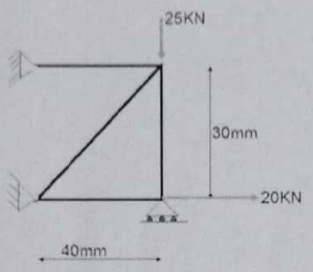
**Subject:- Finite Element Analysis** **Assignment: 01**

Q1) Write the general FEM procedure?

Q2) Discuss the application of FEM in various fields?

Q3) Find Global stiffness matrix and displacements in each element?

$E = 29.5 \times 10^6\ N/mm^2$ $A = 1mm^2$




Q4) Explain the different sources of errors in FEA?

Q5) Differentiate between coarse and fine mesh with diagram?

## Assignment: 02

Q1) Solve the differential equation by using Galerkin method? Find y(0.25) and y(0.5)

$$y'' - 64y + 10 = 0 \quad ; \quad 0 \le x \le 1$$
$$y(0) = 0$$
$$y(1) = 0$$

Q2) Discuss the different types coordinates system used in finite element method of analysis?

Q3) Derive the shape function for rectangular element in local coordinate system?

Q4) Elaborate convergence with example?

Q5) Explain plain stress and plane strain condition with figure?

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**Remedial Action for Advance Learner Cycle 1**

Sub.. MQE. **Assignment: 01** Sem. VI th

Q1) Design a plug gauge for checking hole 75H8 use I micron=0.45(D)1/3+0.001D, IT=28i diameter steps considered 50-80mm

Q2) Calculate sample size and AOQ for single sampling plan using following date,

1) Probability of acceptance of 0.5% defective in a lot is 0.525
2) lot size= 1.000 units
3) acceptance number=1
4) Np= 1.6
5) Defective found in sample are not to be replaced

Q3)

A shaft is subjected to the torsional moment and the maximum shear stress developed in the shaft is 100MPa. The yield and ultimate strength of the shaft in tension are 300MPa and 450MPa respectively. The factor of safety using maximum distortion energy theory (von-misses) is ____.

Q4)

A butt weld joint is developed on steel plates having yield and ultimate tensile strength 500 MPa and 700 MPa respectively. The thickness of plates is 8 mm and width is 20 mm. In proper selection of welding parameters caused an undercut of 3 mm depth along the weld. The maximum transverse tensile load (in KN) carrying capacity of the developed weld joint is ____.

Q5)

It is desired to avoid interference in a pair of spur gears having a 20° pressure angle with increase in pinion to gear ratio, the minimum number of teeth on the pinion

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## Remedial Action for Slow Learner Cycle 1

Sem-VI

Sub: MQT

### Assignment: 01

Q1) Draw and explain limits fits and tolerances?

Q2) Compare between accuracy and precession?

Q3) Explain the types of Gauges?

Q4) Explain scope and importance of metrology?

Q5) Describe with neat sketch Tomlison's surface meter?

### Assignment: 02

Q1) Write a note on NPL interferometer?

Q2) Describe the pitch measuring machine for screw threads and explain the method of its use?

Q3) Write short notes on use of laser in metrology?

Q4) Elaborate vertical measuring machine?

Q5) What is quality control and explain juran trilogy approach?

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M421, M422, M424, M426, M432, M434, M439

VPM's MPCOE, Velneshwar



**Assignment for Roll Nos. =** M402, M405, M406, M415, M417, M418

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1. The crank OA of a mechanism as shown in the figure 1. rotates clockwise at 120rpm, the lengths of various links are OA=100mm, AB=500mm, AC=100mm & CD=750mm. Find, by instantaneous centre method: 1) Velocity of point C: 2) Velocity of slider D: 3) angular velocities of links AB & CD.

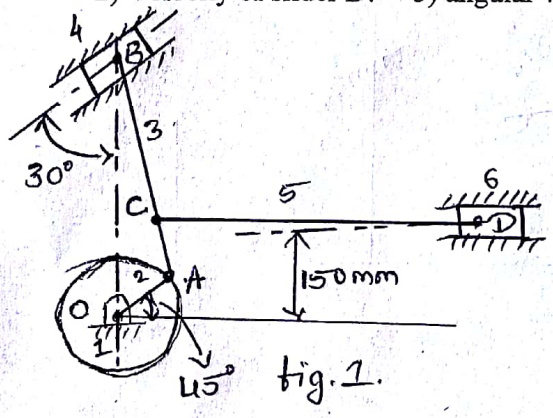


fig.1.

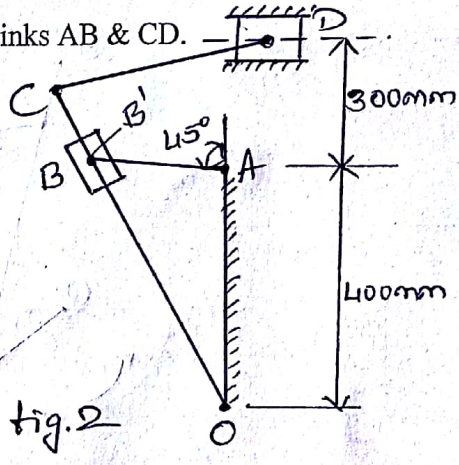


fig.2

2. A mechanism of a crank of a crank and slotted lever quick return motion is shown in the figure 2. If the crank rotates counter clockwise at 120rpm determine for the configuration shown, the velocity acceleration of the ram D. Also determine the angular acceleration of the slotted lever. Crank AB= 150mm, slotted arm OC= 700mm & link CD=200mm.
3. A disc cam rotating in a clockwise direction is used to move a reciprocating roller with SHM in a radial path, as given below:

a) Outstroke with maximum displacement of 25mm during $120^0$ of cam rotation.
b) Dwell for next $60^0$ of cam rotation.
c) Return stroke with maximum displacement of 25mm during $90^0$ of cam rotation
d) Dwell for remaining $90^0$ of cam rotation.

The line of reciprocation of follower passes through the camshaft axis. The maximum radius of cam is 20mm. If the cam rotates at a uniform speed of 300rpm. Find the maximum velocity & acceleration during outstroke & return stroke. The roller diameter is 8mm. Draw the profile of the cam when the line of reciprocation of the follower is offset by20mm towards right from the cam shaft axis. **(ans. 0.59m/s, 0.786m/s, 27.8m/s$^2$, 49.4m/s$^2$**

4. A compressor, requiring 90kW is to run at about 250rpm. The drive is by V-belts from an electric motor running at 750rpm. The diameter of the pulley on the

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**Assignment for Roll Nos. =**

---

compressor shaft must not be greater than one meter while the center distance between the pulley is limited to 1.75m. The belt speed should not exceed 1600m/min. Determine the no. of V-belts required to transmit the power if each belt has a cross sectional area of 375mm$^2$, density 1000kg/m$^3$ and an allowable tensile stress of 2.5Mpa. The groove angle of the pulley is 35$^0$. The coefficient of friction between the belt & the pulley is 0.25. Calculate also the length required of each belt.

**5.** The figure 3 shows diagrammatically a compound epicyclic gear train. Wheels A, D and E are free to rotate independently on spindle O, while B & C are compound and rotate together on a spindle P, on the end of arm OP. All the teeth on different wheels have the same module. A has 12 teeth, B has 30 teeth & C has 14 teeth cut externally. Find the number of teeth on wheels D & E which are cut internally. If the wheel A is driven clockwise at 1 r.p.s. while D is driven counter clockwise at 5 r.p.s. determine the magnitude and direction of the angular velocities of arm OP & wheel E.

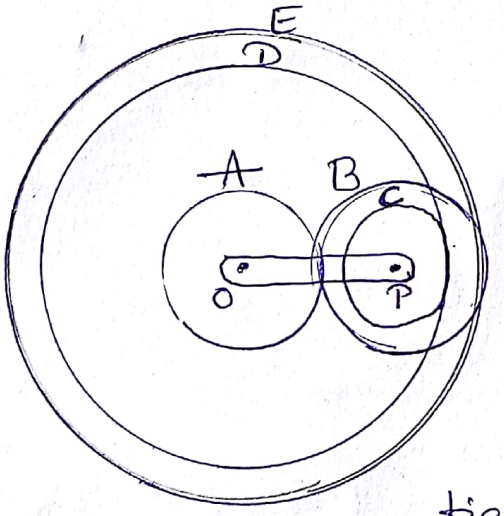


fig. 3

**Above mentioned roll no. students are informed to solve this extra assignment along with regular assignments.**

**Last date of checking:** Before 08 April 2019. Advance Learner

M02, M405, M406, M415, 417, M418, M421, M422, M424, M426, M432, M434, M439.

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**Assignment for Roll Nos. =** M437, M438, M440,

---

1. A crank & clotted lever mechanism used in a shaper has a centre distance of 300mm between the centre of oscillation of the slotted lever and the centre of rotation of the crank. The radius of the crank is 120mm. Find the ratio of the time cutting to the time of return stroke. Refer Figure 1.

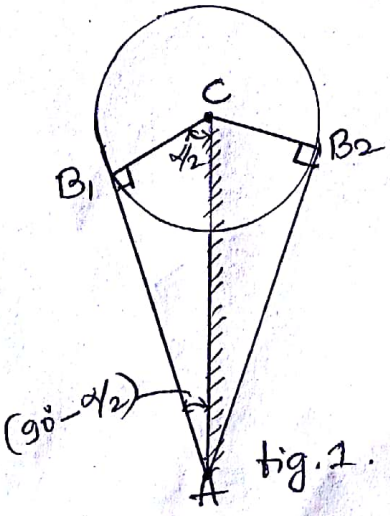

fig.1.

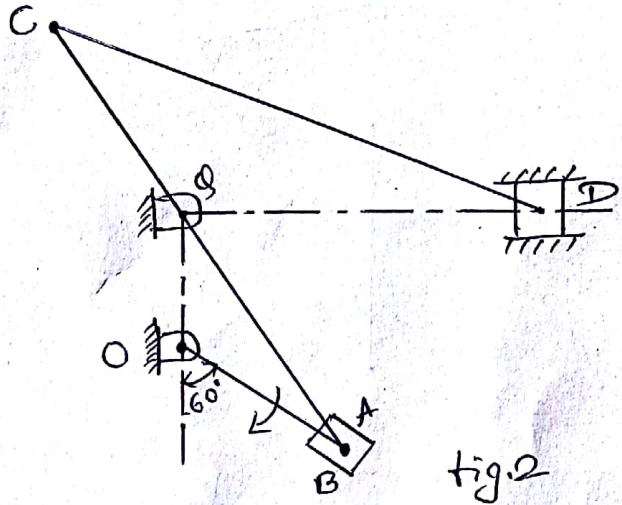

fig.2

2. The figure 2 shows a Whitworth quick return motion mechanism. The various dimensions are as follows: OQ=100mm, OA=120rpm, QC=150mm & CD=500mm the crank OA makes an angle of $60^0$ with the vertical and rotates at 120rpm in clockwise direction. Locate all the instantaneous centres & find the velocity of ram D.

3. The pitch circle diameter of the smaller of the two spur wheels which mesh externally & have involute teeth is 100mm. the no. of the teeth are 16 & 32. The pressure angle is $20^0$ & the addendum is 0.32 of the circular pitch. Find the length of the path of contact of the pair of teeth. **(Ans. 29.36mm)**

4. The figure 3 shows the mechanism of a radial valve gear. The crank OA turns uniformly at 150rpm & is pinned at A to rod AB. The point C in the rod is guided in the circular path with D as centre & DC as radius. The dimensions of various links are: OA= 150mm,

**Assignment for Roll Nos. =**

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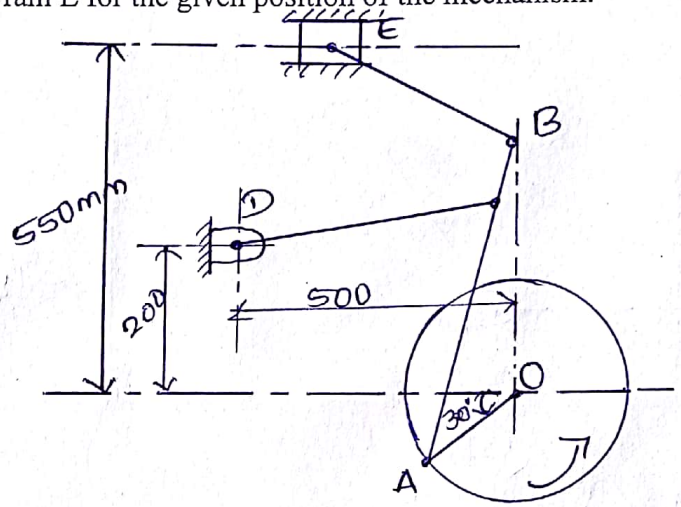
AB=550mm, AC=450mm, DC=500mm & BE=350mm. Determine velocity and acceleration of the ram E for the given position of the mechanism.




5. A cam operating at knife-edge follower has the following data:
   - **a)** Follower moves outwards through 40mm during $60^0$ of cam rotation
   - **b)** Follower dwells for the next $45^0$
   - **c)** Follower returns to its original position during next $90^0$
   - **d)** Follower dwells for the rest of the rotation.

   The displacement of the follower is to takes place with SHM during both outward & return strokes. The least radius of the cam is 50mm. Draw the profile of the cam when, 1. The axis of the follower passes through the cam axis and, 2) the axis of the follower is offset 20mm towards right from the cam axis. If the cam rotates at 300rpm determine maximum velocity & acceleration of the follower during the outward stroke & the return stroke. **(ans. 1.88m/s, 1.26m/s, 177.7m/s$^2$, 79m/s$^2$)**

**Above mentioned roll no. students are informed to solve this extra assignment along with regular assignments.**

**Last date of checking:** Before 08 April 2019

M412, M418, M424, M437, M438, M440

Slow Learner

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**Subject: Industrial Engineering and Management**
**Sem: VIII**

## Assignment-1 (Advance Learners)

Date- 08 march 2019

Q.1- Define Taylor-Davis model of productivity measuring.

Q.2- Explain 'Function' check list of value analysis.

Q.3- Explain principles of motion economy.

Q.4-Short note on unit load concept.

Q.5-Explain 10 therbligs symbols, their code, colour and description.

## Assignment-2 (Advance Learners)

Date- 08 march 2019

Q.1- Short note on functional and technological depreciation.

Q.2- Explain APC productivity model

Q.3- Explain SIMO chart of motion analysis.

Q.4-Short note on esteem and use value.

Q.5-Explain factor rating method for evaluation of multi-facility location.

**Roll No.:** M819, M820, M834, M838, M847

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**Subject: Industrial Engineering and Management**
**Sem: VIII**

## Assignment-1 (Slow Learners)

**Date-** 8 march 2019

Q.1- Define industrial engineering and discuss the roll of industrial engineer.

Q.2- Explain 10 advantages of value analysis.

Q.3- Explain five method study symbols for recording the facts.

Q.4-Short note on multiple activity chart.

Q.5-Explain factors considered for plant location decision.

## Assignment-2 (Slow Learners)

**Date-** 08 march 2019

Q.1- Define concept of exchange value.

Q.2- Explain importance of micro motion study.

Q.3- Short note on product layout.

Q.4-Short note on total factor productivity

Q.5-Define concept of salvage value.

**Roll no:** M801, M810, M822, M832, M840, M841, M843, M844, M849, M850, M852, M856, M865

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**Mr. Mahesh Kale**

# Vidya Prasarak Mandal's

## Maharshi Parshuram College of Engineering, Velneshwar

### Department of Mechanical Engineering
### Remedial Action for Fast Learner Cycle 1
### Subject: Machine Design – I

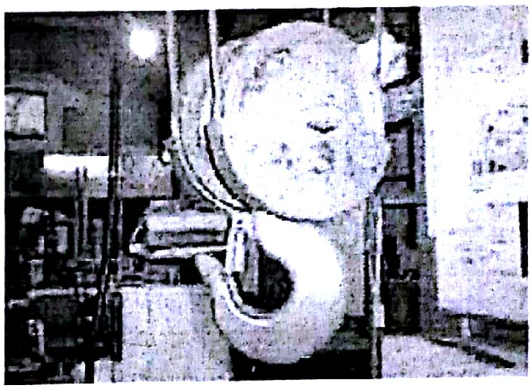
**Question**

**Q.No.**

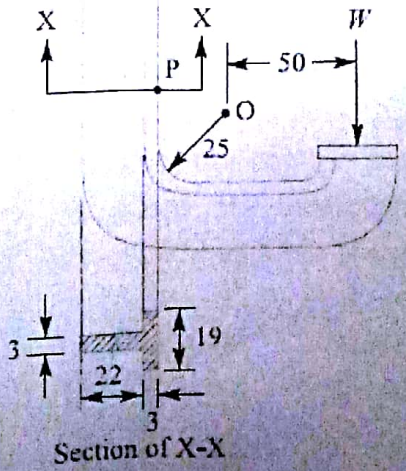
**1.** Slove.

Q.1] The load on a bolt consists of an axial pull of 10 kN together with a transverseshear force of 5 kN. Find the diameter of bolt required according to1. Maximum principal stress theory; 2. Maximum shear stress theory; 3. Maximum principalstrain theory; 4. Maximum strain energy theory; and 5. Maximum distortion energy theory.Take permissible tensile stress at elastic limit = 100 MPa and poisson's ratio = 0.3.

**2** The crane hook carries a load of 20 kN as shown in Fig. The section at X-X is rectangular whose horizontal side is 100 mm. Find the stresses in the inner and outer fibres at the given section.



**3** A C-clamp is subjected to a maximum load of W, as shown in Fig. If the maximum tensile stress in the clamp is limited to 140 MPa, find the value of load W.

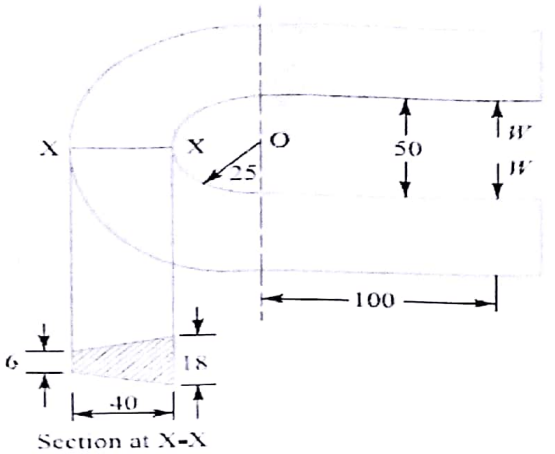


Section of X-X

The frame of a punch press is shown in Fig. Find $R_N$ , $R_G$ at X-X of the frame, if W =

5000 N..

4




B Write General Procedure in Machine Design. 05

Mr. Amrod Patanje
Subject Teacher

H.O.D.

# MAHARSHI PARSHURAM COLLEGE OF ENGINEERING, VELNESHWAR

**Department of Mechanical Engineering**

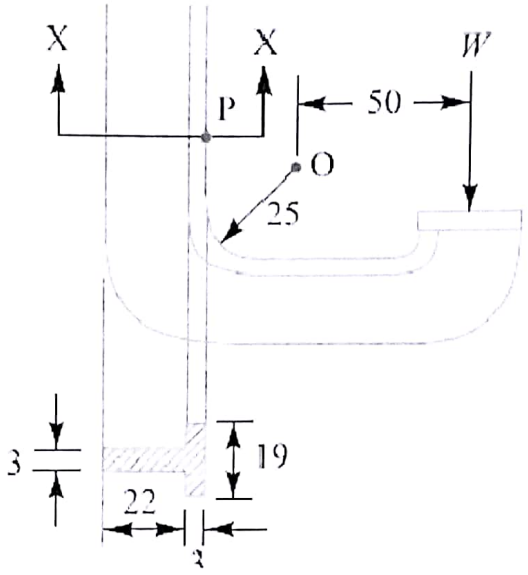
**Remedial Action for Slow Learner Cycle 1**

**Subject: Machine Design – I**

## Assignment 2

Q.1] Write short note on Bending Stress in Curved Beams.

Q.2] A C-clamp is subjected to a maximum load of W, as shown in Fig. 5.13. If the Maximum tensile stress in the clamp is limited to 140 MPa, find the value of load W.




Q.3] A thin cylindrical pressure vessel of 1.2 m diameter generates steam at apressure of 1.75 N/mm2. Find the minimum wall thickness, if (a) the longitudinal stress does notexceed 28 MPa; and (b) the circumferential stress does not exceed 42 MPa.

Q.4] A shrink fit assembly, formed by shrinking one tube over another, is subjected toan internal pressure of 60 N/mm2. Before the fluid is admitted, the internal and the external diametersof the assembly are 120 mm and 200 mm and the diameter at the junction is 160 mm. If after shrinkingon, the contact pressure at the junction is 8 N/mm2, determine using Lame's equations, the stresses atthe inner, mating and outer surfaces of the assembly after the fluid has been admitted.

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# MAHARSHI PARSHURAM COLLEGE OF ENGINEERING, VELNESHWAR

**Department of Mechanical Engineering**

**Remedial Action for Slow Learner Cycle 1**

**Subject: Machine Design – I**

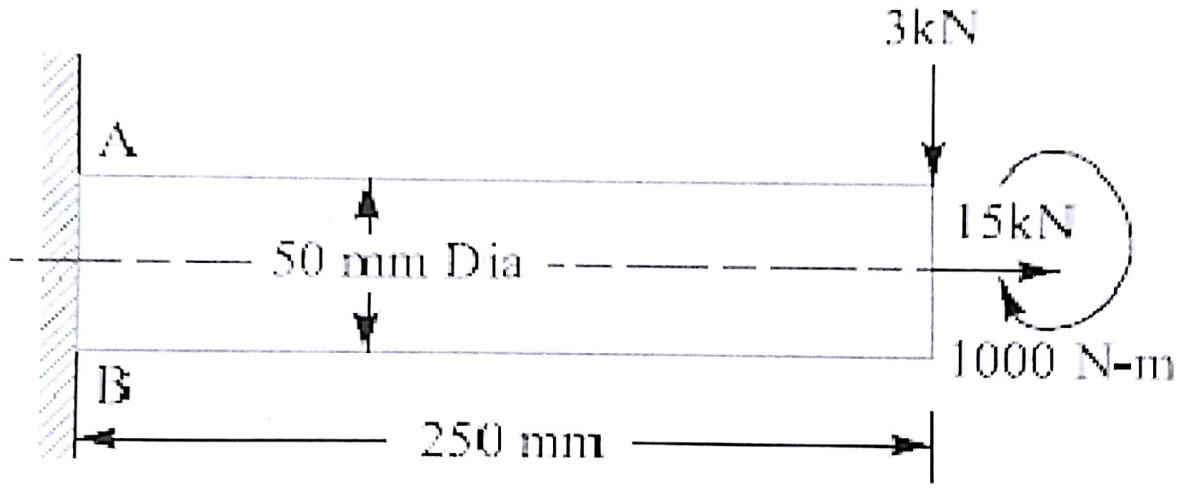
**Assignment 1**

Q.1] The load on a bolt consists of an axial pull of 10 kN together with a transverseshear force of 5 kN. Find the diameter of bolt required according to1. Maximum principal stress theory; 2. Maximum shear stress theory; 3. Maximum principalstrain theory; 4. Maximum strain energy theory; and 5. Maximum distortion energy theory.Take permissible tensile stress at elastic limit = 100 MPa and poisson's ratio = 0.3.

Q.2] Write Short note on Aesthetics and Ergonomics.

Q.3] Write Short note on Factor of Safety.

Q.4] A shaft, as shown in Fig. is subjected to a bending load of 3 kN, pure torqueof 1000 N-m and an axial pulling force of 15 kN.Calculate the stresses at A and B.\

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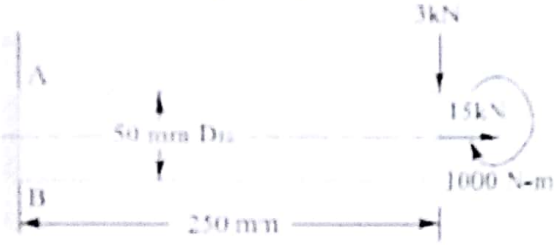
# Maharshi Parshuram College of Engineering, Velneshwar
## Department of Mechanical Engineering
## Remedial Action for Fast Learner Cycle II
## Subject: Machine Design – I

10

1 Design Cotter joint with 50 KN load and Syt=350 MPa.

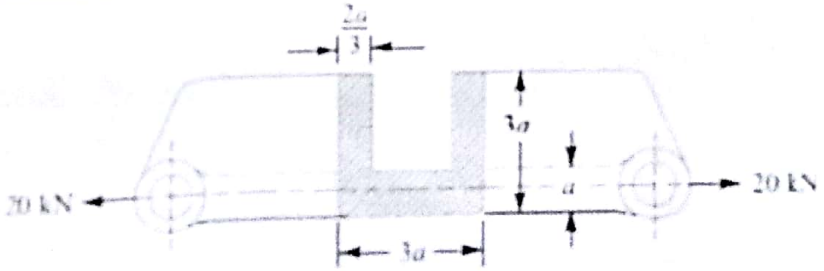
OR

2 A shaft, as shown in Fig. is subjected to a bending load of 3 kN, pure torqueof 1000 N-m and an axial pulling force of 15 kN.Calculate the stresses at A and B.




3 A hollow circular column of external diameter 250 mm and internal diameter 200 mm, carries a projecting bracket on which a load of 20 kN rests, as shown in Fig. The centre of the load from the centre of the column is 500 mm. Find the stresses at the sides of the column.

4 A cast-iron link, as shown in Fig. is to carry a load of 20 kN. If the tensile and compressive stresses in the link are not to exceed 25 MPa and 80 MPa respectively, obtain the dimensions of the cross-section of the link at the middle of its length.

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**Assignment for slow learner (cycle-I)**
**Class:- BE Mechanical Subject:- Refrigeration and air conditioning**

Q.1) Draw simple vapour compression cycle on P-h diagram

Q.2) What is subcooling and superheating

Q.3) What are primary and secondary refrigerants?

Q.4) Classify refrigeration compressors

Q.5) Define the terms DBT, WBT, DPT and RH.

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**Assignment for slow learner (cycle-II)**
**Class:- BE Mechanical Subject:- Refrigeration and air conditioning**

Q.1) What is the difference between heat pump and refrigerator.

Q.2) Draw only T-S diagram for vapor compression cycle.

Q.3) Define one Tonne of refrigeration.

Q.4) Define energy efficiency ratio.

Q.5) Why air refrigeration method prefer in aircraft for getting refrigeration effect?

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**Assignment for Advanced learner (cycle-I)**
**Class:- BE Mechanical Subject:- Refrigeration and air conditioning**

Q.1) Explain difference between vapor refrigeration system and vapor absorption system.

Q.2) Explain the ozone depletion and global warming issues.

Q.3) Explain briefly types of condenser.

Q.4) Draw schematic and T-S diagram for Boot Strap air cooling method.

Q.5) What are the types of expansion valve.

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**Assignment for Advanced learner (cycle-II)**
**Class:- BE Mechanical Subject:- Refrigeration and air conditioning**

Q.1) What is the function of flash cooler?

Q.2) Define Bypass factor of cooling coil.

Q.3) Draw schematic diagram of practical vapor absorption system.

Q.4) What are the methods of defrosting?

Q.5) Write desirable properties of Refrigerant.