





(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)
#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru - 560074

## Department of Computer Science & Engineering

Date: 19/11/2021

#### CIRCULAR

All faculty members are hereby informed to submit question paper and Scheme of solution for the 1st internal test on or before 23/11/2021 within 2.30 PM for 3<sup>rd</sup> semester and also check your mails for the unique template of question paper & scheme of solution.

(Mr. SHASHIDHAR V)

D. Silv for HOD

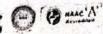
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BENGALURU - 560 074

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#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru - 560074

# Department of Computer Science & Engineering

Ref: RRCE/CSE/2021/IA1

Date: 19.11.2021

All 3rd Semester students are hereby informed to note down the FIRST INTERNAL Time Table for 2018 Scheme as follows.

|                        |     | TIMING  | <b>18</b>                            |
|------------------------|-----|---|--------------------------------------|
| DATE                   | SEM | 8.45 AM - 10.15 AM  | 2.30 PM - 4.00 PM                    |
| 25/11/2021<br>THURSDAY | m   | 18MAT31<br>TRANSFORM CALCULUS, FOURIER SERIES<br>AND NUMERICAL TECHNIQUES | 18CS32 DATA STRUCTURES & APPLICATION |
| 26/11/2021<br>FRIDAY   | ın  | 18CS33<br>ANALOG AND DIGITAL ELECTRONICS                                  | 18CS34/<br>COMPUTER ORGANIZATION     |
| 27/11/2021<br>SATURDAY | 111 | 18CS35/<br>SOFTWARE ENGINEERING   | DISCRETE MATHEMATICAL<br>STRUCTURES  |

D. Like FT HOD (Dr. S. USHA)

Professor & Head, Computer Science & Engineering RAJARAJESWARI COLLEGE OF ENGINEERING **BENGALURU - 560 074** 

19/11/-21

PRINCIPAL (Dr. T.CHANDRASHEKAR) Principal RAJARAJESWART

COLLEGE OF ENGINEERING Ramohalli Cross, Bengaluru-74









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#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru – 560074

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| DATE                   | SEM  | TIMINO  | SS  |
|------------------------|------|---|---|
| DATE                   | SEWI | 8.45 AM – 10.15 AM  | 2.30 PM - 4.00 PM                             |
| 25/11/2021<br>THURSDAY | III  | 18MAT31<br>TRANSFORM CALCULUS, FOURIER SERIES<br>AND NUMERICAL TECHNIQUES | 18CS32<br>DATA STRUCTURES & APPLICATION       |
| 26/11/2021<br>FRIDAY   | III  | 18CS33<br>ANALOG AND DIGITAL ELECTRONICS                                  | 18CS34<br>COMPUTER ORGANIZATION               |
| 27/11/2021<br>SATURDAY | III  | 18CS35<br>SOFTWARE ENGINEERING  | 18CS36<br>DISCRETE MATHEMATICAL<br>STRUCTURES |

D. Liles fre HOD (Dr. S. USHA)

Professor & Head, Computer Science & Engineering RAJARAJESWARI COLLEGE OF ENGINEERING BENGALURU - 560 074

PRINCIPAL (Dr. T.CHANDRASHEKAR) Principal

> RAJARAJESWARI COLLEGE OF ENGINEERING Ramohalli Cross, Bengaluru-74

# Rajarajeswari college of Engineering Bengaluru -74

Bengaluru -74
Department of Computer Science and Engineering
Students Attendence for First Internals

Sem/Sec : III-A

| SL.NO   | USN                         | N. I. V.          | 25.11.     | 2021        | 26.11          | .2021      | 27.1     | 1.2021   | 29.11.2021   |
|---------|-----------------------------|-------------------|------------|-------------|----------------|------------|----------|----------|--------------|
| 1       | 1RR20CS001                  | NAME              | 18MAT31    | 18CS32      | 18CS33         | 18CS34     | 18CS35   | 18CS36   |              |
| 2       | 1RR20CS002                  | A.BHARADWAJ       | ACOM       | pho         | \$O~*          | while      | there .  | May      | Mondai       |
| 3       | 1RR20CS003                  | A R SARANKUMAR    | 80         | Ks          | (A) /2_        | K.L        | Who was  | DIL      | LXX          |
| 4       | 1RR20CS004                  | AARUNI KUMAR RAI  | A.U. Ru    | AJU         | Rai            | ATK        | ABK      | A. R.    | A.K.         |
| 5       | 1RR20CS005                  | ABHISHEK          | Arhills    | Fairly.     | Anish,         | Aprille    | grups.   | Thisa,   | AB           |
| 6       | 1RR20CS006                  | ADI REDDY Y       | Moxelly.Y  | Ali rady)   | Alixaldy. Y    | Alexaller  | Alandly  | Mixaldy? | Wi reddy Y   |
| 7       | 1RR20CS007                  | AISHWARYA K       | ANDRO      | Auto        | Atu            | A          | A        | And      | (48)         |
| 8       | 1RR20CS008                  | AMIT KUMAR YADAV  | Amit       | Awit        | Awit           | Awit       | 10       | Awit     | Amit         |
| 9       | 1RR20CS009                  | ANISH V           | thister    | South       | Stirts         | Shirts     | sprise   | Cherily  | thick        |
| 10      | 1RR20CS010                  | ANJALI            | Anjaler    |             | Anjalia        | Augalia    | Anialie  |          | Awalia       |
| 11      | 1RR20CS011                  | AVINANDAN KUMAR   | thy Stan   | Ari Sig     | AWXE           | Arlan      | his      | Ausq     | AniBurn      |
| 12      | 1RR20CS012                  | B R PAVITHRA      | Paithall   | tone        | Poite          | Don        | Pus.     | Pas      | Partent      |
| 13      | 1RR20CS012                  | BASIT AHMAD BHAT  | Bank       | Brit        | Basit          | -A8-       | Basi     | Bant     | Basil        |
| 14      | 1RR20CS014                  | BENNY SOLOMON S   | Silsen     | S. Ben      | S-Barr         | S.Ber      | SBEN     | S. Ber   | S. Bear      |
| 15      | 1RR20CS015                  | BHOOMIKA H K      | Thousand K | And The     | BY             | RUS        | 3        | A        | The          |
| 16      | 1RR20CS016                  | BHOOMIKA R        | Bhour P    | Phopuis     | Phonis B       | Khoonis    | Phoneid  | Showlest |              |
| 17      | 1RR20CS017                  | BINDUSHREE N      | Binde      | Bind        |                | Bund       | Bird     |          | Bento.       |
| 18      | 1RR20CS017                  | BINETTA P BIJU    | Rinetta    | Binetto     | Binetta        | Brieta     | BINGE    | Rinett   | AL OF PERSON |
| 19      | 1RR20CS019                  | BRINDA M          | To do      | The day     | 1 Body         | ( Ministry | (By)n    | Bar      | n Evide      |
| 20      | 1RR20CS020                  | CHAITRA S         | charters   | de alter    | Martin         | maile      | ch aster | hatte    | Pr/13/200    |
| 21      | 1RR20CS020                  | CHANDAN GOWDA M G | Charles    | chell       | days           | Chand      | Chano    | Chand    | Charle       |
| 22      | 1RR20CS021                  | CHANDRIKA C       |            | Chard       | to Chardy      | Charden    | chards   | Charle   | handeit      |
| 23      |                             | CHETHAN G         | Culling    | CLU         | chelin         | Other      | Cha      | Less     |              |
| 24      | IRR20CS023                  | CHETHANA C P      | Chethale   | -           | detuep         | chether    | Cli      | Chetter  | chettand     |
|         | 1RR20CS024                  | CHITRA SHREE V    | chitesohou | Chitoso     | chidraso       | Chara      | chiten   | hila     | 1 towns      |
| 25      | 1RR20CS025                  | DARSHINI H N      |            | *           | -              | 3          | de       | Lake .   | -            |
| 26      | 1RR20CS026                  | DEEKSHITH G       | B          | 133         | 30             |            | à        | THE R    | CD           |
| 27      | 1RR20CS027                  | DEEPIKA           | الجيلالا   | (TOD).      |                | 1          | 10       | 63       | (AR)         |
| 28      | 1RR20CS028                  | DEVIKA R          | Owit       | Out         | Duite          | Const      | WEI      | Qual     | 1005         |
| 29      | 1RR20CS029                  | DHANUSHREE S      | Marian     | Drawn       | extrant        | To rule    | Hand     | LA       | The state of |
| 30      | 1RR20CS030                  | DHEERAJ.R         | Dula       | DW          | RW             | PAL        | POM      | Oli      | AA           |
| 31      | 1RR20CS031                  | DIMPLE PRIYA G    |            | 1           |                | 1          |          | 水学       | A            |
| 32      | 1RR20CS032                  | DIVYAJ            | 4 By       | <b>1997</b> | Similar        |            | Z Lug    | The same |              |
| 33      | 1RR20CS033                  | G SASI PREETHAM   | GSankath   | Mers of     | (PayOH         | CON        |          | HA       |              |
| 34      | 1RR20CS034                  | GAGAN KUMAR E     | San        | Gen         | 80-            | Con        | CA       | FOL      | South        |
| 35      | 1RR20CS035                  | GOUTHAM P         | Bertlat    | Control     | Rost           | D.W.       | H        | COL TO   | 2 44         |
| No.     | Total                       | No. of Students   | 35         | 35          | 35             | MANDA      | 1120     | 1 dont   | - MA         |
|         | Cut-A-15- Others            | o. of Absent      | 00         | 00          | 00             | 35         | 35       | 35       | 35           |
| 19      | grand and the second second | of Present        | 35         | 35          | 35             | 1 2 2      | 01       | 00       | 04           |
| 7 42    |                             | f Malpractices    |            | -32         | 1 29           | 34         | 134      | 35       | 3).          |
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| THE THE | invigi                      | lator Signature   |            | They        | TWO.           | 11.1       | 4321     | 1 /      | 1 Van        |

RAJARAJESWA GOLLEGE OF ENGINEERING

BENGALURU - 560 074

PRINCIPAL

# Rajarajeswari college of Engineering Bengaluru -74

Department of Computer Science and Engineering

| .NO      | III-A,B                    | Students Attendence                  | 25.11  |             |                  | 2024     |   |           |            | 7        |
|----------|----------------------------|--------------------------------------|--|-------------|------------------|----------|---|-----------|------------|----------|
| 110      |                            | NAME                                 | 18MAT31  |             | 26.11.<br>18CS33 |          | 27.11                                   |           | 29.11.2021 | 4        |
| 1        | 1RR20CS036                 | GURURAJ R                            | PLNI   | -O.A.       | 10/1             | 18CS34   | 18CS35                                  | 18CS36    | Col no     | 4        |
| CENT III | 1RR20CS037                 | HARSHA MALLESH M                     |  |             | 110              | Pierral  | GPr.                                    | Py V      |            | 4        |
| 3        | 1RR20CS038                 | HARSHIT ARYAN                        | C. M.  | 6/2/1       |                  |          | 41014                                   | 76 p. 14  | MA-M       | 71       |
| 4        | 1RR20CS039                 | HARSHITHA E                          |  | Moudil      |                  |          |   |           | Houshit    |          |
| 5        | 1RR20CS040                 | HARSHITHA V                          | Horanitho  | How hisho E | Hotelita         | $\sim$   | Harghites                               | Hacehilto | Harahiha   | H        |
| 6        | 1RR20CS041                 | HEMANTH GOWDA A                      | AL 10 A  | 101         | 1                | Frerest  |   |           |            | 7        |
| 7        | 1RR20CS042                 | JAYAVANTH M                          | W.T.   | 3           | they.            | Preser   | July                                    | ALLEY     | 7          | H        |
| 8        | 1RR20CS043                 | JEEVAN A H                           | The Contract of the Contract o | Way all     | Kundy            | Trenok   | 1 × ×                                   | Xagoria   | Kyp W      | 4        |
| 9        | 1RR20CS044                 | JEEVAN GOWDA N                       |  |             | JecvanAY         |          | Techan.                                 |           | -          | - 1      |
| 10       | 1RR20CS045                 | JEEVAN M                             | Aug. N   | And N       | July - N         |          | July-N                                  | Juan      | Juan N     | 4        |
| 11       | 1RR20CS046                 | JYOTHIKA S                           | 1/8  | 19          | 100              | Freren   | 12                                      | 1000      | - AB-      | 4        |
| 2        | 1RR20CS047                 | KARUNA M                             | Typhilar   | Plyothib's  | lyothato?        | Frezer   | Typothoto                               | Byokito   | STyothito  | 过        |
| 13       | 1RR20CS048                 | KAVANA RAM S                         | Kasurat  | -Konuna     | Hoong            | un beret | Konuna                                  | Horang    | Hagy       | با       |
| 14       | 1RR20CS049                 | KAVYA B                              | do to.   | berd        | keros.           | Brerei   | denal                                   | beak      | kong       | y        |
| 15       | 1RR20CS050                 | KEERTHAN P KARANTH                   | Kawais   | Karyas      |                  |          | Kaugal                                  | kanyas    | kayyak     | 1        |
| 16       | 1RR20CS051                 | KEERTHANA G                          | Kour   | Kony        |                  | Ries     | Crops                                   | Keek      | -          |          |
| 17       | 1RR20CS053                 | KONDETI LAKSHMI                      | Keenthy  | Koest       | KORSH            |          |   |           | Koost      | 1        |
| 18       | 1RR20CS054                 | KURRA NAGA VENKAT                    | K lost   | KW          | 1                |          | 100000000000000000000000000000000000000 |           | Kly        | ⇉        |
| 19       | 1RR20CS055                 | KUSUMA M G                           | 123  | 44          | AB               | TB       | AB                                      | AB        | - AB -     |          |
| 20       | 1RR20CS056                 | LAKSHMI M GOWDA                      | 134  | 7           | 2                | 1/2      | 111                                     | 14        | 24         | 1        |
| 21       | 1RR20CS057                 | LEKHANA N G                          | - Luck   | 1 den       | AB               | Reset    | haldle                                  | Loby-     | Lates      | -        |
| 22       | 1RR20CS058                 | M H SATHWIK GOWDA                    | lokhava  | Jekhano     | Lekhano          | 178      | Leviano                                 | Lekhano   | Lekhous    | 4        |
| 23       | 1RR20CS059                 | M MOHAMMED MEHRAJ                    | Vientino   | worthy ik   | Satur            | Presel-  | Scotland                                | Saturit   | Lengto     | y        |
| 24       | 1RR20CS060                 | MADHAN R                             | Notice   | the live    | Illai            | Presal   | Melal                                   |           | leber      | 4        |
| 25       | 1RR20CS061                 | MAHESH KUMAR S M                     | Mahara   | Madhan      | Median           | Madhank  | Medhan R                                |           |            | -        |
| 26       | 1RR20CS062                 | MANASA G                             | -  | Mares       | moher            | twhen    | Makey                                   |           | Marke      | 4        |
| 27       | 1RR20CS063                 | MANASA G S                           | Manas  | Mane        | Manya            | Marroy   | Marin                                   | nanele    | Ale.       | -        |
| 28       | 1RR20CS064                 | MANASA T                             | Managar  | 2           |                  | 1        | manle                                   | MATERIA   | Nenus      | 2        |
| 29       | 1RR20CS065                 | MANJARI T                            |  | - ( Weary   | Tillanas         | -        | 1. 44 44 1                              |           | Make       |          |
| 30       | 1RR20CS066                 | MEGHA S C                            | Marker M   |             | Harlows          | Hambur)  | Hanlow!                                 | harlow    | +campayi)  | 0        |
| 31       | 1RR20CS067                 | MEGHANA M.POOJARI                    | 1  | VIII-       | 177              | meser    | 40                                      | XX        | THE        | 1        |
| 32       | 1RR20CS068                 | MOHAN D                              | 200  | 1           | 130              | Presu    | 1000                                    | DAT.      | DAV        | *        |
| 33       | 1RR20CS069                 | MUEEZUDDIN AHMED                     | 11 1   | 1/2         | A TO             | Present  | Mohan                                   | Maa       | Moss       |          |
| 34       | 1RR20CS070                 | MUJAMMIL NAYKODI                     | mylo   | 1 my        | CH. AL           | Tresent  | 11 /0/100                               | oga-      | MAD        | 16<br>10 |
| 35       | 1RR20CS071                 | MULINTI ABHILASH REDDY               | Obni   |             | RSE              | Presen   |   | H HUTO    | " in by    | 2        |
|          |                            | I No. of Students                    |  | 0.00        | 1                | Prese    | 1                                       | Abbi      | TES        | -        |
|          |                            | No. of Absent                        | 35<br>O 1  | 35          | 35               | 35       | 35                                      | 35        | 35         | 186      |
| 146      |                            |                                      | 34   | 01          | 02               | 02       | 101                                     | 01        | 03         |          |
| - Art    |                            | No. of Present                       | Mi   | 34          |                  | 33       | 134                                     | 34        | 32         | 7        |
|          | AND THE PROPERTY OF STREET | of Malpractices<br>gilator Signature | 882  | 1814        |                  | NIT      | NEL                                     | MIL       | 100        | 1-       |

Professor & Head Computer Science & Engineering RAJARAJESWARLEDLLEGE OF ENGINEERING BENGALURU - 560 074

Bengaluru -74

# Department of Computer Science and Engineering

Students Attendence for First Internals

| L.NO | USN        |  | 25.11  | .2021     | 26.11   | 1.2021    | 27.1     | 1.2021       | 29.11.2021  |
|------|------------|--|--|-----------|---------|-----------|----------|--------------|-------------|
| 1    | 1RR20CS072 | NAME   | 18MAT31  | 18CS32    | 18CS33  | 18CS34    | 18CS35   | 18CS36       | 18 CP (39   |
| 2    | 1RR20CS073 | NANDAN P   | Magno  | Name      | Mans    | Roard     | Norde    | RbND         | Nand        |
| 3    | 1RR20CS074 | NETRA  | Neton  | Ktelia    | -       | News      |          | MOLEC        | 10000       |
| 4    | 1RR20CS075 | NITESH KUMAR   | N. Feels   | abolosa   | Wites   | alter     | atital   | M Fred       | Notres      |
| 5    |            | NITHIN U   | 100  | P         | MA      | 100       | - 10-    | Po           | DO DO       |
| 6    | 1RR20CS076 | O A JAHNAVI  | Talut  | Toland    | Tall    | -70h      | Tall     | -7601        | BL          |
| 7    | 1RR20CS077 | PANKAJ SHARMA  | Pankaj Ka  |           | ankal   | E VII     | ( Like)  | lenkel       | Pankely     |
|      | 1RR20CS078 | PATRA CHINMAY  | CRAMO  | GO!       | Que     | and       | Crown    | Dato.        | garci       |
| 8    | 1RR20CS079 | POKALA PRAVEEN   | P-Prayeons   | a Provoca |         | 18 Draymo |          | Danm         | é Proveerai |
| 9    | 1RR20CS080 | POOJA B R  | ROBR   | 800812    | Books   | E ST      | 40 BR    |              | 11.1        |
| 10   | 1RR20CS081 | POONAM GOWDA   | Rondon   | Va God    |         | Burland   | _        | -            | ABOBR ATZ   |
|      | 1RR20CS082 | PRAJWAL N B  | (pull)   | Trains    |         | Freirely, | -        | Tryou        |             |
| 12   | 1RR20CS083 | PRAJWALA UDAY  | AB   | AB        | AB      | DD        | AB       |              | Trainglin   |
| 13   | 1RR20CS085 | PRAVALIKA N  | Pravate  |           |         | Tvala 4   | Paraleko | Product      | - Garde     |
| 14   | 1RR20CS086 | PRIYANKA K A   | PoByonka   |           |         | Durand    | 1        |              |             |
| 15   | 1RR20CS087 | PUPPALA NISCHAY  | Day -  | 0         | 0       |           | Cont.    | 1            |             |
| 16   | 1RR20CS088 | QUARATH ULAIEN   | Qurvat   | One.      |         | N 1/      | 17       | MASS V       | Duro 7      |
| 17   | 1RR20CS089 | R JAGANNATHA   | Roote  |           | Date:   |           | Quray    | Quire        | - CO-       |
| 18   | 1RR20CS090 | R SHRAVAN  | AB   | -         | Jung.   | 200       |          |              | 0           |
| 19   | 1RR20CS091 | R VIVEK  | Rillio   |           | RALLER  |           | This     | Aug.         | Rus         |
| 20   | 1RR20CS092 | RAHUL PRABHAK  | TO TO  | To the    |         | 1         | Rillie   | LI WIN       | Riking      |
| 21   | 1RR20CS093 | RAJ ARYAN JASRO  | AR   | AB        | 1       | 100       | 4700     | 70           | 90          |
| 22   | 1RR20CS094 | RAJ RANJAN   |  |           | 0.10    | Way w     | Deye     | Duge         | Steres      |
| 23   | 1RR20CS095 | RAKESH M B   | Propos   | regron    | markay  | Corpor    |          | Raiker       | 10          |
| 24   | 1RR20CS096 | RAKSHITHA N  | Rikesh   | Rakesh.   | Kaltesh | Rakesh    | Rakes    |              | Rakesh.     |
| (0.5 | 1RR20CS097 | RAMYA S P  | Omis   |           | SAB     | Rakslin   |          | (Rakshu      | AR          |
| 26   | 1RR20CS098 | RAZEENA M  | Dil  | 3         | - N     | 31        | 1        | 2            | 92          |
| 27   | 1RR20CS099 | The state of the s | Just 1   | Desir.    | - Trail | OKO 15    | No.1     | · Xoil       | No.         |
| 28   | IRR20CS100 | RIFA KHANUM  | 4-   | 1         | Kife    | Ma        | The      | top          | de          |
| 29   | IRR20CS101 | ROHITH P G   | Partie   | TRANC     | Pohi    | Colone    | Powrac   | Rotoma       | AB          |
| 30   | IRR20CS101 | ROHITHEJ B V   | Towns.   | Adring.   | A SHOP  | THE WAY   | A THYWAY | <b>科学</b> 种项 | AR          |
| 31   | 1RR20CS102 | RUCHITHA S   | The state of the s | Russ      | Kulin   | Rushit    | Rueups   | Russe        | Ruth        |
| 32   | 1RR20CS103 | SAHIL GUPTHA Y   | 300  | 30        | Sept    | (3)       | and.     | 200          | 1260        |
| 33   |            | SAI NIDHI H V  | Sandle   | Garalta   | Lawater | Gainigh   | Samo     | Girich       | South       |
|      | 1RR20CS105 | SAMARTH  | 7  | 8         | 10      | 10.       | 180.     | Bo:          | 1           |
| 34   | 1RR20CS106 | SAMITH KAMARTHI  | damili   | Samil     | Sant    | Danis     | Lawit    | Lewith       | Lamoth      |
| 35   | 1RR20CS107 | SANGAMESH  | Amust  | - FALLER  | Acoto   | Antie     | Dieu     | 37           |             |
|      | Total N    | o. of Students   | 35   | 35        | 35      | 35        | 35       | 35           | 35          |
|      | No.        | of Absent  | 03   | 04        | 0,2     | M         | 01       | 01           | 06          |
|      | No.        | of Present   | 32   | 31        | 33      | 3/4       | 24       |              | 29          |
|      | No. of     | Malpractices   |  |           | 187     | 1         | OT.      | 34           |             |
|      | Invigila   | tor Signature  | Wil.   | J. Gragh  | Heigh   | 105       | Junk     |              | 1-2         |

Bengaluru -74

Department of Computer Science and Engineering

Students Attendence for First Internals

| m/Sec : 1                               | III-C      |  | 25.11.2021 26.11.2021 27.11.2021 29.11.2021  1801ATT118CS32 18CS33 18CS34 18CS35 18CS36  |
|---|------------|--|--|
| L.NO                                    | USN        | NAME   | 18MAT3 (18CS32 18CS33 18CS34 18CS34 18CS34 18CS34  |
|   | 1RR20CS108 | SANGAMESH S KARAKALLI  | Court Court Court Court  |
| 2                                       | 1RR20CS109 | SANIYA MIRZA   | Caniet Canier Canier Could Could Could Could Could   |
| 3                                       | 1RR20CS110 | SATISH   | James James James James James V  |
| 4                                       | 1RR20CS111 | SHAURYA K V  | grand state of the state of stilling stilling stilling   |
| 5                                       | 1RR20CS112 | SHILPA S   | ship a disa chira  |
| 6                                       | 1RR20CS113 | SHIVAKUMAR B S   | Ava : Shire 800 and 100 and 100 aday of Local  |
| 7                                       | 1RR20CS114 | SHRADDHA   | denont land and and and strained   |
| 8                                       | 1RR20CS115 | SHRAVYA M S  | Sharadar Sharadar Sharadar Sharadar Sharadar Sharadar F  |
| 9                                       | 1RR20CS116 | SHREENIDHI P   | Shorest Shores Shores Shuham Shuham Sherhall   |
| 10                                      | 1RR20CS117 | SHUBAM SAMBYAL   | C'Agara CIA TO SIDAGARA GLANCE GLANCE SIDAGARA   |
| 11                                      | 1RR20CS118 | SIDDAVEER SWAMY  | Sulfic Control of Cont |
| 12                                      | 1RR20CS119 | SMITA RANI   | SMIRE DIMOS SILVER CORRESPONDENCE CORRESPONDE CORRESPONDENCE CORRE |
| 13                                      | 1RR20CS120 | SONAL R BILLAVA  | Gen Son Stone of town self carely  |
| 14                                      | 1RR20CS121 | SONASHREE C  | Gouard Course Con ash of Sonal Gottomps Gertlangate Ge |
| 15                                      | 1RR20CS122 | SREERAMA GEETHANJALI   | 9 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2  |
| 16                                      | 1RR20CS123 | SRIKANTH M   | 1111   |
| 17                                      | 1RR20CS124 | SUPRITH R  | South South Chart hand Boath Swatte Spante   |
| 18                                      | 1RR20CS126 | SWAMY R  | Tian Tian Tagar Tagar Tagar Tagar  |
| 19                                      | 1RR20CS127 | TEJAS R  | 118051 1910  |
| 20                                      | 1RR20CS128 | TEJASWINI D  | (AB) CONTRACTOR OF THE PARTY OF |
| 21                                      | 1RR20CS129 |  | Leis wie faria by buli alus alus alus  |
| 22                                      | 1RR20CS130 |  | to be oft rely. they. oftent. The . West.  |
| 23                                      | 1RR20CS131 | THRISHA PATIL  | 1 1000 1000 1000   |
| 24                                      | 1RR20CS132 | V H PARINITH   |  |
| (1) 25                                  | 1RR20CS133 | V NAGABHUCHCHAYYA  | Vilnuty/ Shouti/ Shout |
| 26                                      | 1RR20CS134 | V R VISHRUTHI  | Valenty North Varie Varie Varie Varie Varie Varie  |
| 27                                      | 1RR20CS135 | VARSHA TN  | The state of the processing the state of the |
| 28                                      | 1RR20CS136 |  | The state of the s |
| 29                                      | 1RR20CS137 | VIDHYA S A   | Andrew Why class Who reach the reach of class who reach the class was classed the contract of the classes the contract of the contract |
| Acres to                                | 1RR20CS138 | CONTRACTOR OF A STATE OF   | The state of the s |
| 30                                      | 1RR20CS139 | VIKRAM K   | Charles Charles and Market Control of the Control o |
| 31                                      | 1RR20CS140 | THE PART OF THE PA | - GOOD LOCAL MICHAEL MARCH MARCH MARCH   |
| 32                                      | 1RR20CS141 | - TO C - NE CONSTITUTE OF  | The state of the s |
| 33                                      | 1RR20CS142 |  | yamini yamini yaniniyamilyaminiyamini yamini   |
| 34                                      | 1RR20CS142 |  |  |
| 35                                      | 1KK20CS143 | al No. of Students   | 35 35 35 35 35 35 35 35  |
| 100                                     | Tot        | No. of Absent  | NIL NIL 26 25 35 33  |
| 10                                      |            |  | 35 35 39 32  |
|   |            | No. of Present   |  |
|   | No         | of Malpractices  | D. O.Y. To Grand Do  |
| - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Inv        | igilator Signature   | Professor & Head Computer Science & Engineering PRINCIPAL  RAJANA JESWARI COLLEGE OF ENGINEERING   |

TT COORDINATOR

Bengaluru -74

#### Department of Computer Science and Engineering

Students Attendence for First Internals

| Sem/Sec : III-C     |             |                | 25.1    | 1.2021 | 26.11.2021 |        | 27.11.2021 |         | 29.11.2021 |
|---------------------|-------------|----------------|---------|--------|------------|--------|------------|---------|------------|
| SL.NO               | USN         | NAME           | 18MAT31 | 18CS32 | 18CS33     | 18CS34 | 18CS35     | 18CS36  |            |
| 1                   | 1RR20CS144  | YASHASWINI B L | tantel  | Jant.  | land       | Int    | you!       | youls   | tail       |
| 2                   | 1RR20CS145  | YASHASWINI S   | Lakeys. | yahne  | yolhan     | Make   | Challen.   | warley. | yass       |
| 3                   | 1RR20CS146  | YASHASWINI U.B | 4400    | 1 Ask  | Noto       | nut    | apol       | of of   | 1          |
| 4                   |             | ZEBA ANJUM     | (W)     | WH     | - Boy      | -00-1  | -60H       | CON     | Coly       |
| mis :               | Total No. o | of Students    | 4       | 4      | 4          | 4      | 4          | 4       | 4          |
|                     | No. of      | Absent         | O       | 0      | 0          | 0      | 00         | 00      | 4          |
|                     | No. of      | Present        | A       | 4      | 4          | 4      | 0/3        | 04      | 4          |
| No. of Malpractices |             | _              |         | 1      | - A        | '      | -          | wil     |            |
|                     | Invigilator | Signature      | 19      | -1     | 6          | - An   | M.tu       | Dun     | -8         |

TTCOORDINATOR

Professor & Head Computer Science & Engineering RAJARAJESWARI COLLEGE OF ENGINEERING BENGALURU - 560 074 PRINCIPAL 21

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# RajaRajeswari College of Engineering DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

FIRST INTERNALS

Subject: Data Structure and Applications Subject Code: 18CS32 Semester/Section: 3rd NOTE: Answer Any Pull Five questions out of ten questions.

Timing: 90 Mins

Max. Marks: 50 Date: 24/11/2021 1,2,3

Po's

CO's

Mark

10M

List the operations on array. Explain with example i)

Questions

SN

Insertingan item into an array ii) Deletion in an array.

1,2,3

10M

Explain about the 4 dynamic memory allocation functions with

the suitable programming example.

1,2,3

10M

initialization and accessing members). List the difference

between structure and union.

3

Explain about structure (different ways of declaration,

10M

College of Engineering 🐒 RajaRajeswari

SET-B

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING FIRST INTERNALS

Subject: Data Structure and Applications Subject Code: 18CS32 Semester/Section: 3rd

Timing: 90 Mins Max. Marks: 50 Date: 24/11/2021

| List the operations on array. Explain with example i) Insertingan item into an array ii) Deletion in an array.  (OR)  Explain about the 4 dynamic memory allocation functions with the suitable programming example.  Explain about structure (different ways of declaration, initialization and accessing members). List the difference between structure and union. |
|---|
| (OR)  Write a C function to add two polynomials A and B store the result in C by specifying the location in the same array.  Write a function to allocate memory dynamically for 2D arrays.   |
| What is searching? Explain the two different searching techniques using arrays with the suitable programming examples. (OR)   |
| What is sparse matrix? How sparse matrix can be represented by storing non-zero values? Write a function to find the transpose of a matrix which is stored as triple.   |
| Write a C program to demonstrate the various stack<br>operations, including cases for overflow and underflow of<br>stacks.  |
| Write an algorithm to evaluate a postfix expression. With the step by step procedure evaluate the following expression a b c + * d e / - where a = $5$ ,b = $6$ , c = $2$ , d = $12$ , e = $4$ .  |
| Solve Tower of Hanoi problem for n=4, using algorithm. (OR)   |
| Obtain postfix expression for below mentioned infix expression using stack.(B*C-(D/R-Y)*G)  |

NOTE: Answer Any Full Five questions out of ten questions.

1,2,3,4

10M

Write a function to allocate memory dynamically for 2D

Write a C function to add two polynomials A and B store the

4

result in C by specifying the location in the same array.

1,2,3

1,2,3,4

10M

What is sparse matrix? How sparse matrix can be represented by storing non-zero values? Write a function to find the

techniques using arrays with the suitable programming What is searching? Explain the two different searching

examples. (OR)

2,3,4,9

10M

operations, including cases for overflow and underflow of

stacks. (080)

Write a C program to demonstrate the various stack

transpose of a matrix which is stored as triple.

1,2,3,4

2

step by step procedure evaluate the following expression a b c Write an algorithm to evaluate a postfix expression. With the

Solve Tower of Hanoi problem for n=4, using algorithm.

(OR)

+ \* de/ - where a = 5,b = 6, c = 2, d = 12, e = 4.

10M

1,2,3,4

5,6,9

2

10M

1,2,3,4

2

10M

infix

Obtain postfix expression for below mentioned

expression using stack. (B\*C-(D/E^F)\*G)



#### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING Scheme & Solutions

#### First Internal Assessment Test

Semester: III

Subject: Data Sturbura & its application Name of the Faculty: T. DR. C.D.

Section: A, BLC Subject-code: 186832

| Q.No  | ame of the Faculty: T.DEVD               |       |
|-------|--|-------|
| 2.110 | Scheme & Solutions                       | Marks |
| 1.    | Déparie menony allocation. (2+2+2+2+2m)  |       |
|       | mallocc)                                 | 24    |
|       | callocc)                                 | 24    |
|       | reallocc>                                | RM,   |
|       | free c)                                  | 2M    |
|       |  |       |
| 2.    | Two polinomials representation (3M)      |       |
|       | A(x)= 2x 1000 +1, B(x)=x4+10x3+3x2+1     | (3M   |
|       | Start A flush At B finish B, avail       | )     |
|       |  |       |
|       | (Sep) 2 1 1 2 2 0 1                      |       |
|       | erp [1600] 0   4   3                     |       |
| 20    | O (Z)                                    |       |
|       | polinomial addition fondion (1)          | 7(1   |
|       |  |       |
| 2     | Sparse Matrix Representation in triples. |       |
| 0.    | Sparke Funct 14.                         |       |
|       |  |       |
|       |  |       |
|       |  | 27.4  |

|    | Tout (a)   |
|----|--|
| 4. | acol 5 4 8 (3M) acol 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
|    | (00) Flawerse, Souting & Search (3M)  Binary Search (3M)  Traversal (3M)   |
| 5  | Structure definition (2M) Variable declaration (2M) Accessing variable (2M)  Program (2M)                                  |

| 6. Pattern matching algorithm: (2M)  The Process of scarching for a pattern string in a given text extring is called Pattern matching.  Function (2M)  Stack:  Definition (2M)  Stack Operation (2M)  Posh Function (2M)  Pop Function (2M)  Diaplay Function (2M)  8. (A + (B-c) * P)  T, = Bc-  (A+ T, *P)  T=T, P*  A+T2  ATA+  AT, P++  [ABC-P*+] |  | Marks |
|---|--|-------|
| The Plocess of scarching for a pattern string in a given tent string is called Pattern matching.  Function (8M)  For Enriction (2M)  Stack:  Definition (2M)  Stack operation (2M)  Push Function (2M)  Pop Function (2M)  Display Function (2M)  8. (A + (B-C) * D)  T, = BC-1  (A+ T, *D)  T= T, D*  A+ T2  ATA+  AT, D*+                           | 6. Pattern matching algorithm: (an)                            |       |
| is called Pattom matthing.  Function (8M)  For Stack:  Definition (2M)  Stack operation (2M)  Push Function (2M)  Pop Function (2M)  Display Function (2M)  8. (A+(B-C)*D)  T, =BC-  (A+T, *D)  T=T, D*  A+T2  ATD++  ATD++   | The Process of Larching for                                    | or    |
| is called Pattom matthing.  Function (8M)  For Stack:  Definition (2M)  Stack operation (2M)  Push Function (2M)  Pop Function (2M)  Display Function (2M)  8. (A+(B-C)*D)  T, =BC-  (A+T, *D)  T=T, D*  A+T2  ATD++  ATD++   | a pattern string in a given text string                        | ]     |
| Function (8M)  For Stack:  Definition (2M)  Stack operation (2M)  Push Function (2M)  Pop Function (2M)  Display Function (2M)  8. (A + (B-C) * D)  T, = BC-  (A+ T, *D)  Q=T, D*  A+ T2  ATa+  AT, D*+   | is ralled pattern matthers.                                    |       |
| Definition (2M)  Stack Operation (2M)  Push Function (2M)  Pop Function (2M)  Display Function (2M)  8. (A + (B-C) * P)  T, = BC-  (A + T, *P)  T_2 = T, P*  A + T_2  A T_4 +  AT, P * +  | function (8M)  |       |
| Definition (2M)  Stack Operation (2M)  Push Function (2M)  Pop Function (2M)  Display Function (2M)  8. (A + (B-C) * P)  T, = BC-  (A + T, *P)  T=T, P*  A + T2  A Ta+  AT, P* +  |  |       |
| Stack Operation (2M)  Push Function (2M)  Pop Function (2M)  Display Function (2M)  8. (A + (B-C) * D)  T, = BC-  (A + T, * D)  T_2 = T, D*  A + T_2  A T_2 +  AT, D* +   |  |       |
| Push Function (2M)  Pop Function (2M)  Display Function (2M)  8. (A + (B-C) * P)  T, = BC-7  (A+ T, *P)  Q=T, P*  A+T2  AT, P*+  AT, P*+  | Definition (2M)  |       |
| Push Function (2M)  Pop Function (2M)  Display Function (2M)  8. (A + (B-C) * D)  T, = BC-7  (A+ T, *D)  T= T, D*  ATA+  AT, D* +   | Stack operation (2M)   |       |
| Pop Function (217)  Display Function (214)  8. $(A + (B-C) \times A)$ $T_1 = BC^{-1}$ $(A + T_1 \times A)$ $T_2 = T_1 A \times A$ $A + T_2$ $A + T_3 + T_4$ $A + T_4 + T_5$   | Duch Furtion (2M)  |       |
| 8. $(A + (B-C) \times A)$<br>$T_1 = BC^2$<br>$(A + T_1 \times A)$<br>$T_2 = T_1 A \times A$<br>$A + T_2$<br>$A + T_3 + A$   | Dop Function (2M)  |       |
| 8. $(A + (B-C) * P)$<br>$T_1 = BC^2$<br>$(A + T_1 * P)$<br>$T_2 = T_1 P *$<br>$A + T_2$<br>$A = T_1 P *$<br>$A = T_2 P *$   | Orolan Frontion (2M)   |       |
| $T_{1} = BC - \alpha$ $(A + T_{1} * P)$ $T_{2} = T_{1} P *$ $A + T_{2}$ $A T_{2} + T_{3}$ $A T_{4} + T_{4}$   | Dr. raft and   |       |
| $T_{1} = BC - \alpha$ $(A + T_{1} * P)$ $T_{2} = T_{1} P *$ $A + T_{2}$ $A T_{2} + T_{3}$ $A T_{4} + T_{4}$   | 8. (A+(B-C)*P)   |       |
| A+T2<br>AT, 8*+   | [2] [12] [14] [14] [15] [16] [16] [16] [16] [16] [16] [16] [16 |       |
| A+T2<br>AT,8*+  | (A+ T, XP)   |       |
| ATA+<br>ATA+  | Ta = T, D*   |       |
| AT. 8*+   | $A+T_2$  |       |
| AT, 8 * +<br>[ABC - D * +]  | A Ta+  |       |
| [ABC-D*+]   | AT, 8*+  |       |
|   | TABC-DX+   |       |
|   |  |       |



#### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Date: 04/11/2021

#### **CIRCULAR**

All faculty members are hereby informed to submit two sets of question paper and One Scheme of solution for the  $1^{\rm st}$  internal test on or before 09/11/2021 within 2.30 PM for  $5^{\rm th}$  &  $7^{\rm th}$  semester and also check your mails for the unique template of question paper & scheme of solution.

Test Cobrainator

(Mr. SHASHIDHAR V)

(Dr. S. USHA)

M.W.

Mayaline Marara

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#### RajaRajeswari College of Engineering @ @ ........







(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi) #14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru - 560074

#### Department of Computer Science & Engineering

Ref: RRCE/CSE/2021/IA1

Date: 04.11.2021

All 5th & 7th Semester students are hereby informed to note down the FIRST INTERNAL Time Table for 2018 & 2017 Scheme as follows.

| DATE                   | SEM       | TIMINGS  | S  |
|------------------------|-----------|--|--|
|                        |           | 8.45 AM – 10.15 AM   | 2.30 PM - 4.00 PM                              |
|                        | v         | 18CS51 /<br>MANAGEMENT & ENTREPRENEURSHIP /<br>FOR IT INDUSTRY | 18CS52 COMPUTER NETWORKS AND SECURITY          |
| 11/11/2021<br>THURSDAY | VII -     | 18CS71 / ARTIFICIAL INTELLIGENCE AND / MACHINE LEARNING        | 18CS72 BIG DATA ANALYTICS                      |
|                        | a Santaka | WEB TECHNOLOGY AND ITS APPLICATIONS                            | ADVANCED COMPUTER<br>ARCHITECTURES             |
|                        | v         | DATABASE MANAGEMENT SYSTEM                                     | AUTOMATA THEORY & COMPUTABILITY                |
| 12/11/2021<br>FRIDAY   | W         | 18CS734<br>USER INTERFACE DESIGN                               | 18CS742<br>NETWORK MANAGEMENT                  |
|                        | VII       | 17CS73 MACHINE LEARNING  | 17CS743<br>INFORMATION AND NETWORK<br>SECURITY |
|                        |           | 18CS5\$  | - Carrel                                       |
|                        | V         | APPLICATION DEVELOPMENT USING PYTHON                           | 18CS56 /<br>UNIX PROGRAMMING /                 |
| 13/11/2021<br>SATURDAY | VII       | 18ME751<br>ENERGY & ENVIRONMENT                                |  |
|                        | VII       | 17CS754 /<br>STORAGE AREA NETWORKS /                           |  |
| 15/11/2021<br>MONDAY   | v         | 18CIV59<br>ENVIRONMENTAL STUDIES                               |  |

(Dr. S. USHA) Professor & Head, Computer Science & Engineering RAJARAJESWARI COLLEGE OF ENGINEERING **BENGALURU - 560 074** 

PRINCIPAL (Dr. T.CHANDRASHEKAR)

Bengaluru -74

Department of Computer Science and Engineering

**Students Attendence for First Internals** 

Sem/Sec: V/A

|      |            |                    | 11.11     | .2021    | 12.11        | .2021    | 13.11     | .2021    | 15.11.2021 |
|------|------------|--------------------|-----------|----------|--------------|----------|-----------|----------|------------|
| L.NO | USN        | NAME               | 18CS51    | 18CS52   | 18CS53       | 18CS54   | 18CS55    | 18CS56   | 18CIV59    |
| 1    | 1RR19CS001 | AAKASHADHITHYA D K | Aures     | Ago      | 400          | ATTO     | AFTY      | Agrey    | Alle       |
| 2    | 1RR19CS002 | ABHISHEK K         | Astillat  | Ablither | Ashillet     | Astiche  | Skicket   | Astitu   | Addick     |
| 3    | 1RR19CS003 | ABHISHEK PANDEY    | -As .     | - 25     | -As          | \$ .     | -         | 一种       | 学          |
| 4    | 1RR19CS004 | ADARSH KUMAR       | thing     | A Shoot  | How          | Lines    | A         | Stur     | there      |
| 5    | 1RR19CS005 | ADARSH MURTHY T M  | d'une     |          | Aure         | Flut     | ( Janai   | 1111     | Former     |
| 6    | 1RR19CS006 | ADITHYA J          | Adillas   | Adhyers  | A POPULATION | Alillynd | Applepa   | Holys    | Autor      |
| 7    | 1RR19CS007 | ADITYA KUMAR       | Adilyan   | Aleha    | Aldr         | Aditar   | 100       | Alety    | Alekt      |
| 8    | 1RR19CS008 | AFROZ ALAM         | 10/2034   | thru_    | Mrss.        | 108      | Ohe.      | Alex     | 10/92      |
| 9    | 1RR19CS009 | AJAY M S           | OWN       | O W      | 0 W          | OF THE   | OINT I    | OF       | 图型         |
| 10   | 1RR19CS010 | AKHILA K           | t. Que    | t. Des   | Que          | 1 Que    | K. Adu    | t. Due   | K. Row     |
| 11   | 1RR19CS011 | AKSHAY G S         | Apetroyes | Alghayas | Arran ors    |          | Habell os | Webay ex | theyan er  |
| 12   | 1RR19CS012 | ALISHA S           | Mishe     | Dhelle   | White !      | Mhih     | Much      | plich    | Ful. M     |
|      | Total N    | o. of Students     | 12        | 12       | 12           | 12       | 12        | 12       | 12         |
|      | No.        | of Absent          | 00        | 00       | 00           | 00       | 00        | 00       | 00         |
|      | No.        | of Present         | 12        | 12       | 10/          | 12       | 12        | 12       | 12         |
|      | No. of     | Malpartices        | 00        | 00       | 00           | ,00,     | 00        | 00       | 00         |
|      | Invigil    | ator Signature     | 1207.11   | 10       | 1            | 1000     | est       | 1905     | + 25 9     |

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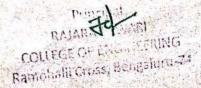
Professor & Head, Computer Science & Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
BENGALURU - 560 074

Bengaluru -74

#### Department of Computer Science and Engineering Students Attendence for First Internals

Sem/Sec : V/A

| 22 C T |            |                             | 11.1       | 1.2021    | 12.1     | 1.2021     | 13.1       | 1.2021    | 15.11.2021 |
|--------|------------|-----------------------------|------------|-----------|----------|------------|------------|-----------|------------|
| SLNO   | USN        | NAME                        | 18CS51     | 18CS52    | 18CS53   | 18CS54     | 18CS55     | 18CS56    | 18CIV59    |
| 1      | 1RR19CS013 | ANUJ RAJ                    | AujRes     | Anyliza   | Ansili   | Anui Pa    | Anyila.    | Anviks    | Annil      |
| 2      | 1RR19CS014 | ANUSHA B AMARGATTI          | Anusha.    | Drusha.   |          | Musha      | Anudia     | Aleura    | Anuk       |
| 3      | 1RR19CS015 | ANUSHA J                    | Bruils     | anny      | anus     | anny       | anula      | anus      | Avuly      |
| 4      | 1RR19CS016 | ANUSHA'V                    | Miller     |           | TAMPA    | Anyelov    | MULLE      | Lucia     | MUNDE      |
| 5      | 1RR19CS017 | ARSHIYA NAZNEEN             | ARA        | MANUT     | No.      | Rock       | A Danie    | my        | AD         |
| 6      | 1RR19CS018 | AUGUSTIN AVINASH I          | Lyurt (del | Aud Aug   | hutchel  | Aug de Lee | dustiguest | drawth to | Andria del |
| 7      | 1RR19CS019 | AVINAASI L J                | Award of   | Amost 1   | harofild | durosty    | Turnayi H  | Diriogit  | Derivet!   |
| 8      | 1RR19CS020 | B V MANASI                  | manes      |           | Manasi   | 1          | Maras      | Marasi    | Muna       |
| 9      | 1RR19CS021 | BAGALKOT SHRUSTI            | Shugt      | Sheust    | Shaus)   |            | < haugh    |           | shout      |
| 10     | 1RR19CS022 | BANGARU ADITYA              | twelst.    | Jerry     | full-    | Julet.     | fault:     | +who      | furter     |
| 11     | 1RR19CS023 | ВНООМІКА С К                | Box.       | Ba        | to       | B.         | RE         | 1         | DA         |
| 12 .   | 1RR19CS024 | BINDUSHREE B M              | Lolaylor   | felce 1   | 1. Tule  | " Solar    | Kaller     | 1 Dullar  | (1.2       |
| 13     | 1RR19CS025 | CHAITANYA MAHAPRABHU<br>S M | CN         | CNL       | MA       | (W)        | 1          | CNI       | M          |
| 14     | 1RR19CS026 | CHAITHANYA M                | Ulayen     | I fragery | Ungen H  | Chlypn     | Chlayen    | Henreth   | Hagel      |
| 15     | 1RR19CS028 | CHANDANA R                  | Ruh        | polde     | Red      | Alfan      | orch       | 8ch       | PQ L       |
| 16     | 1RR19CS029 | DARSHAN V                   | Que        | and       | Quel     | Out        | Dul        | and       | aus        |
| 0      | 1RR19CS030 | DEEKSHITHA U M              | DH.        | Des.      | PH.      | PAR!       | DA         | O.A.      | DA         |
| 18     | 1RR19CS031 | DEVARAJA                    | 1 Duy      | Dut       | 9        | 9,11       | D.LL       | 5.7       | 5,11       |
| 19     | 1RR19CS033 | FARHEEN TAJ                 | Fashing    | Jalet     | Farther  | Fally      | Faelle     | Toolse    | Fully      |
| 20     | 1RR19CS034 | GADDAPARA KOKILA            | kojuk      | - kokila  | popila   | hobia      |            | pokila    |            |
| 21     | 1RR19CS035 | GANAVI C V                  | Can        | Can       | Can      | Baw        | Dan        | Day       | Da.)       |
| 22     | 1RR19CS036 | GANESH K C                  | Changes    |           | 60       | 4 Cimpo    | Janes      | MIN KLI   | TOPP       |
| 23     | 1RR19CS037 | GAURAV KUMAR BHATT          | Lauran     | . Raisos  | hayson   | Cauray     | Cloure     | Cours     | Gaurai     |
| 24     | 1RR19CS038 | GEETHASHREE R               | Gumans     | Geelhalle | beedtra  | gerhank    | Gerkul     | Gerren    | Gerthan    |
| 25     | 1RR19CS039 | GOUTHAM M                   | Guster     | Gently    | Prosthe  | Conthat    | la HH      | lutel     | 1 JULY     |
| 26     | 1RR19CS040 | GOVARDHAN G P               | Gwardlan   | Goverden  | Epealier | Poredia    | Geradia    | quadla    | Paraidle   |
| 27     | 1RR19CS041 | GUNASREE N A                | alleger    | GORA      | Guidan   | Charles    | MAR        | Cursul    | MAN A      |
| 28     | 1RR19CS042 | H SWETHA DESHMUKH           | AB         | £187      | -(AR)    | Mr.        | TAI        | 117       | @>         |



Sem/Sec : V/A

|       |            |                       | 11.1     | 1.2021  | 12.1     | 1.2021        | 151      | 1.2021 | 15.11.2021 |
|-------|------------|-----------------------|----------|---------|----------|---------------|----------|--------|------------|
| SL.NO | USN        | NAME                  | 18CS51   | 18CS52  | 18ÇS53   | 18CS54        | 18CS55   | 18CS56 | 18CIV59    |
| 29    | 1RR19CS043 | HARSHETHA MURTHY K    | 1        | · W     | W        | W             | 401      | 10     | W          |
| 30    | 1RR19CS044 | HARSHITHA D           | Hard .   | Half    | Hasas.   | Hooreld       | AB       | AB     | 1620 3     |
| 31    | 1RR19CS045 | HARSHITHA JAYASREE R  | West.    | Nort    | West.    | 1165          | Mag-     | Mark.  | Plan       |
| 32    | 1RR19CS046 | HARSHITHA V           | Marshall | Marchor | Taxation | Mariation     | water    | UNIVER | Uncil      |
| 33    | 1RR19CS047 | HEMANTH R             | //       | Hemanth |          | www.          | Howardly | Memoth | Hensital   |
| 34    | 1RR19CS048 | HEMAVATHI R           | los.     | Ar.     | los      | · Au          | De       | Tu-    | W.         |
| 35    | 1RR19CS049 | HRITHIK K A           | Huthi    | High    | Heather  | Higher        | Houte    | II out | Nº Wil     |
|       |            | Total No. of Students | 35       | 35      | 35       | 35            | 35       | 350    | 2          |
|       | 1 -        | No. of Absent         | 01       | 01      | 01       | 01            | 3        | 02     | 22         |
|       |            | No. of Present        | 34       | 34      | 34       | 34            | 22       | 33     | 36         |
|       |            | No. of Malpartices    | NIL      | -NIL-   | - NIL    | or production | hu - 1   | 10.202 | 34         |
|       | -          | Invigilator Signature | 15       | X.      | Macke    | V             | on       | -      | -1         |

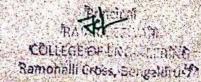
Professor & Head, Computer Science & Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING,
BENGALURU - 560.074

Add in or

Bengaluru -74

Department of Computer Science and Engineering Students Attendence for First Internals

|       |            | 35                 | 11.1                     | 1.2021         | 12.11  | .2021    |           | .2021                    | 15.11.202 |
|-------|------------|--------------------|--------------------------|----------------|--|----------|-----------|--------------------------|-----------|
| SL.NO | USN        | NAME OF A          | 18CS51                   | 18CS52         | 18CS53   | 18CS54   | 18CS55    | 18CS56                   | 18CIV59   |
| 1 . , | 1RR19CS050 | I AMALI AKSHAYA    | Amali                    | Amahi          | Amali  | Amah     | Amali     | mali                     | Amal      |
| 2     | 1RR19CS051 | JAHNAVI H P        | Jahrasi                  | Jahran         |  | Jahran   | 17-90     |                          |           |
| 3     | 1RR19CS052 | JEEVAN Y           | Joenan                   |                |  | Jeonar   |           |                          | C 10      |
| 4     | 1RR19CS053 | JESICA G V         | Just                     | lysy.          | ly-ip  | المخور   | JUST      | 冰                        | Jy?       |
| 5     | 1RR19CS054 | K SHIVUKUMAR       | K. Shluutun              | The Shirtenian | K-Skluena  | p.salmen | K. HIMANO | KZHIMEON                 |           |
| 6     | 1RR19CS055 | K V HIMASAI        | Kuthy                    | Kuffy          | ruty   | Kuffert  | Rutis     | KNE                      | F.V. #4   |
| 7     | 1RR19CS056 | K YASHWANTH CHOW   | Rydola                   | K. YOU         | v.you  | K. You   | K. YOU    | KYO!                     | BX        |
| 8     | 1RR19CS057 | KARTHIK E          | Contine                  | Kurdhik F      | Rodikt   | a Lithia | Karthire  | Karthin F                | Kodh      |
| 9     | 1RR19CS058 | KAVANA D           | 1000                     | forwary.       | of vag   | Loros    | Jord J    | hard                     | do        |
| 10    | 1RR19CS059 | KEERTHAN GOWDA H K | 1                        | 199            | 2003   | yo       | 40        | 10                       | do        |
| 11    | 1RR19CS060 | KEERTHAN R         | gceastrant               | Sceoth-F       | gaeoth-R   | Scenth P | Seent R   | Sceott - R               | George 1  |
| 12    | 1RR19CS061 | KEERTHANA H S      | Keethoneric              | Keentromats    | Keelton  | Koothant | Keeltonet | Keatland                 | xeertto   |
| 13    | 1RR18CS016 | AMOGHA L A         | MB                       | AB             | AB   | 13       | AB        | AR                       | -AB       |
| 14    | 1RR18CS024 | RISHAB VERMA       | AB                       | AB             | AB   | AB       | AR        | AR                       | AR        |
| 15    | 1RR18CS026 | BHARATHI R         | Bli                      | Bh             | As   | AB       | 1         | Bharela                  | Bhor      |
| 16    | 1RR20CS401 | DHANUSH KR         | HA                       | th.,           | that   | Huke     | thurs     | HIL                      | Hah       |
| 17    | 1RR20CS404 | SANTHOSH N         | Bortlat                  | 4              |  | Santhor  | Souther   | Barbar                   | gant      |
| 18    | 1RR20CS406 | YASHVANTH P S      | Yohan                    | Album !        | TO THE PARTY OF TH | John De  | O GW      | Darrett.                 | latual    |
| 19    | 1RR19CS062 | KEERTHANA R        | Kuttans                  | Kreithand      | Kunthous   | Kuxthana | Ruttorol  | 0                        | pretto    |
| 20    | 1RR19CS063 | KEERTHANA S        | AB                       | AB             | Kyorgu   | Kysik    | Cas. th   | The second second second | Kou       |
| 21    | 1RR19CS064 | KESARI NANDAN K S  | Wy                       | We             | W  | W        | FV        | V                        | TV,       |
| 22 .  | 1RR19CS065 | KIRAN N            | Kinun                    | Kigner N       | Kings  | Kinarit  | Kigas N   | K.Sac.                   | Va        |
| 23    | 1RR19CS066 | KONDALA ASRITA     | and                      | and '          | Par.   | and      | BH.       | ANY                      | all       |
| 24    | 1RR19CS067 | KRUTHIKA S MURTHY  | whe                      | ball           | de   | Kuie     | Kula      | V.el                     | YND       |
| 25    | 1RR19CS068 | KUMAR C            | Kuma                     | Kumus.         | Kunge  | Kumas    | Kund      | Kund                     | Kuns      |
| 26    | 1RR19CS069 | KUSH UPADHYAY      | Kush                     |                | Kush   | Ruse     | Kuph      | Kush                     | KLAND     |
| 27    | 1RR19CS070 | LAKITH KUMAR GK    | To be                    | toler          | alx  | fatal    | label     | data                     |           |
| 28    | JRR19CS071 | LAKSHMIDEVI N G    | del                      | let            | dus  | Jul      | Jul       | Les                      | Jak       |
| 29    | 1RR19CS072 | LAYANYA N MURTHY   | action that the stant of | A Lawanyo.     | Launum   | Mayanya. |           |                          | The way   |
| 30    | IRR19CS073 |                    | TI.                      | 177            | 0.0  | Turning  | - curry   | 10 1                     | 117       |



Sem/Sec: V/A,B

|       |            |                    | 11.1     | 1.2021  | 12.11.2021 |          | 13.11.2021 |            | 15.11.2021 |
|-------|------------|--------------------|----------|---------|------------|----------|------------|------------|------------|
| SL.NO | USN        | NAME               | 18CS51   | 18CS52  | 18CS53     | 18CS54   | 18CS55     |            | 18CIV50    |
| 31    | 1RR19CS074 | MADAN KUMAR D N    | Medon D1 | Hada IV | Madon Dr   | Haden Dr | Jand 771   | Charles D. | Jake 97    |
| 32    | 1RR19CS075 | MADHUSHALINI M     | سيعيد    | nes     | MAP        |          | Ng.        | no         | La         |
| 33    | 1RR19CS076 | MANOJ S J          | County.  | ( Share | (Color     | and.     | A ST       | (M)        | A          |
| 34    | 1RR19CS077 | MANSI YADAV        | Mans     |         | Monsi      | Mound    | Mansi      | Mani       | Mar        |
| 35    | 1RR19CS078 | MAREDDY CHRISTOFAR | (A) = 10 | Colp    | WA         | doto     | (DAD)      | QUP.       | Villa.     |
|       | Total      | No. of Students    | 35       | 35      | 35         | 35       | 35         | 35         | 3,5        |
|       | No         | o. of Absent       | 3        | 3       | ટુ.        | 3        | 2          | 02         | 03         |
|       | No         | o. of Present      | 32       | 32      | 32         | 32       | 35         | 33         | 34         |
|       | No. o      | of Malpartices     |          |         | 27         |          |            | Constant   | 334        |
|       | Invigi     | lator Signature    | 1        | The     | 16         | 188      | State .    | Starks     | W          |
|       |            | ar March           |          |         |            | 2 3      | Ala.       | 1          |            |

MINION.

Finitessor & Head, Computer Science & Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
RAJARAJESWARI COLLEGE - 560 074

16/11/21

Bengaluru -74

Department of Computer Science and Engineering Students Attendence for First Internals

| em/Sec : V | V/B        |                       |           |           |  |           | No:315                              |  |            |
|------------|------------|-----------------------|-----------|-----------|--|-----------|-------------------------------------|--|------------|
|            |            |                       | 11.1      | .2021     | 12.11  | .2021     | 13.11                               | 1.2021   | 15.11.2021 |
| SL.NO      | USN        | NAME                  |           | 18CS52    | 18CS53   | 18CS54    | 18CS55                              | - 110  | 18CIV59    |
| 1          | 1RR19CS079 | MASOOD MANZOOR AHMED  | Lasoog    | Haroat    | AB.  | Almo      | AB.                                 | Minne  | hasson     |
| 2          | 1RR19CS080 | MD SAIF               | Ma. Bail  | Medit     | Mdzay  | NOS       | Misul                               | red. Sal   | Misuif     |
| 3          | 1RR19CS081 | MEGHANA RAJASHEKAR    | Heglaa    | Meghoust  | Heghand  | Highers ! | Heghan                              | Meghan   | Hegran     |
| 4          | 1RR19CS082 | MEGHANA S             | Medran    |           | Modran   | Calvana   | Hochare                             | Regran   | Regions    |
| 5          | 1RR19CS083 | MITALI SHARMA         | MS        | MAST      | Mr.  | Ms.       | M.                                  | M.   | No         |
| 6          | 1RR19CS084 | MOHAMMAD SAQIB SHAH   | Soll      | MARIA     | AUSTR  | MAN       | W                                   | MAN  | AB         |
| 7          | 1RR19CS085 | MOHAMMED ATHIQ KAMRAN | BI        | All       | M  | 11        | Ala                                 | M  | -24        |
| 8          | 1RR19CS086 | MOHAMMED REEHAN ALAM  | M. Rech   | 2.0, Rech | my Kaha  | e P Ruh   | n Kub                               | upril  | Je. P. Ruh |
| 9          | 1RR19CS087 | MOHAMMED ZUBAIR       |           | htq.subas | -  | -         | 1777                                | Janes and the same of the same | Hot-Cubary |
| 10         | 1RR19CS088 | MOHAN N               | Hohand    | Mohand    | Mohan  | Mohand    | Nohand                              | Uchan  | llah anin  |
| 11         | 1RR19CS089 | MONIKA N              | JA .      | M         | Sa   | NA        | JES _                               | B  | 8          |
| 12         | 1RR19CS090 | MUKESH CHOUDHARY      | AB        | AB        | AB   | AB        | AB-                                 | AB   | -AR-       |
| 13         | 1RR19CS091 | MUKTHA S              | AB        | AB        | The state of the s | AB        | LIDEAL                              | Amoral   | 1 100 10   |
| 14         | 1RR19CS092 | NAGAPRASAD K R        | Phople    | Right     | Page   | Pho.      | Rui                                 | Res  | Page       |
| 15         | 1RR19CS093 | NAGASHREE S           | Magar     | Godonia   | Mogules  | Nagalag   | All Miles and a second and a second | AB   | Sogarha    |
| 16         | 1RR19CS094 | NANDISH K             | 0         | 0         | 0  | AS        | 00                                  | 00   | -          |
| 17         | 1RR19CS095 | NAYANA B C            | Dulos     | Markey    | Johns  | Nayes     |                                     | Nallow   | - AB-      |
| 18         | 1RR19CS096 | NEHA R SINDHE         | ul        | Q.M       | NID.   | NAME      | NA                                  | 1777   | NA         |
| 19         | 1RR19CS097 | NIRANJAN R            | triping # | Trajort   | Mujat  | Myat      | mi.R                                |  |            |
| 20         | 1RR19CS098 | P HARSHITHA           | Joseph    |           | Howard   | March     | Hericoly                            | Hork Coll  | Hozellato  |
| 21         | 1RR19CS099 | P S VIJAYARANGAN      | Bung      | Tong      |  |           | 42 rac                              | Enor   | Bong!      |
| 22         | 1RR19CS100 | PARAMESHWARI M        | en        | es.       | ren  | reus.     | 010                                 | -  | el el      |
| 23         | 1RR19CS101 | POOJA S               | pp        | 100       | 100  | 100       | 1000                                | Post   | 60         |
| 24         | IRR19CS102 | PORACHENU THEJASWINI  | 72/49     |           | -  | -01       | DIM                                 | PILL   | Pho        |
| 25         | 1RR19CS103 | PRAGATHI K            | 70        | -         | · Taut.  | racil.    | COL                                 | pa   | Pa.        |
| 26         | 1RR19CS10  | 4 PRAJWAL R           | AB        | PORT      | BOM  | PROM!     | Paginali                            |  | Soul of    |
| 27         | 1RR19CS10  | 5 PRATHIKSHA V        | Pro       | 1         | Proc   |           | - 0-                                |  | Prot       |
| 28         | 1RR19CS10  | 6 PREETHI B SHETTY    | Out       | F Queto   | i Quti   | O. th     | 10. thi                             | Poli   | Outh.      |
| 29         | 1RR19CS10  | 7 PREM KUMAR J        | Onu       | 1194      | Annw   | y Onw     | To.                                 | 1051   | No.        |

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| em/Sec : \ | V/R        |                      | Victoria de la constitución de l |        | SE WARRINGSTON | 11001   | II TAGISTS |                            | 1000       |
|------------|------------|----------------------|--|--------|----------------|---------|------------|----------------------------|------------|
|            | 1,2        |                      | 11.1   | 1.2021 | 12.1           | 1,2021  | 13.11.2021 |                            | 15.11.2021 |
| SL.NO      | USN        | NAME                 | 18CS51   | 18CS52 | 18CS53         | 18CS54  | 18CS55     | THE CONTRACT OF THE PARTY. | 18CIV59    |
| 30         | 1RR19CS108 | PRIYANKA H K         | 100  | -el    | 100            | 1       | \$         | D                          | 100        |
| 31         | 1RR19CS109 | PRUTHVI RAJ B V      | AB   | AB     | Bo             | Box     | Ros        | Door                       | 1          |
| 32         | 1RR19CS110 | PUSHPAK V REDDY      | Q.   | · Que  | 0              | FR2-(   | 0          | Q2.                        | 100        |
| 33         | 1RR19CS111 | PUTHA SRI HARI REDDY | AB   | AB     | AB             | AB      | P.glu      | P.Sh                       | · PXC      |
| 34         | 1RR19CS113 | RAGHAVENDRA H K      | Profes   | Park   | Rull           | Rule    | ear        | ento                       | des        |
| 35         | 1RR19CS114 | RAHUL RAI KJ         | Calyd.   | James! | rong.          | Port    | Tower.     | 1/19                       | 2          |
|            | Tota       | al No. of Students   | 35   | 35     | 135            | .35     | 35         | 35                         | 35         |
|            |            | No. of Absent        | 05   | 04     | 04             | 03      | 82         | 02                         | 02         |
|            |            | No. of Present       | 36   | 31     | 31             | 32      | 33         | 33                         | 31         |
|            | No         | o. of Malpartices    | *  | N Tr   |                | 1 (300) |            | 1 - Min 1 C                | 53         |
|            |            |                      |  |        |                |         |            |                            |            |

Invigilator Signature

Projessor & Head, Computer Science & Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
BENGALURU = \$60 074

# Rajarajeswari college of Engineering Bengaluru -74 Department of Computer Science and Engineering

Students Attendence for First Internals

| m/Sec : V | 75,0       | <u> </u>          | 11.11                  | .2021       | Room N<br>12.11 | .2021        | 13.11    | .2021     | 15.11.2021 |
|-----------|------------|-------------------|------------------------|-------------|-----------------|--------------|----------|-----------|------------|
| SL.NO     | USN        | NAME              | 18CS51                 | 18CS52      | 18CS53          | 18CS54       | 18CS55   | 18CS56    | 18CIV59    |
| 1         | 1RR19CS115 | RAKESH P M        | Robert                 | Publish and | Pall            | Parketin     | Rokel M  | BILLION D | Parkathat  |
| 2         | 1RR19CS116 | RAKSHITH KUMAR D  | Rakshills              | 386 8       | 4               | 1            | AKShiNO  |           |            |
| 3         | 1RR19CS117 | RASHMI B M        | Pershui Re             | Poulair     |                 |              |          |           | Reuhow'B.  |
| 4         | 1RR19CS118 | ROHAN R           | -                      |             |                 | .,           |          |           | Rohan. P   |
| 5         | 1RR19CS119 | ROHITH S          | Rokitti                |             | Rokithe         |              | Rotith's |           | Rotum      |
| 6         | 1RR19CS120 | RUCHITHA V        | Delis                  | 6 July      | 010             | aldy         | Duly     | Phil      | Parte      |
| 7         | 1RR19CS121 | SAGAR             | Duo.                   | 0,00        | Dup             | Que          | Que      | Dup       | Bul        |
| 8         | 1RR19CS122 | SAGAR K           | Sagark                 | 50901       | Saganik         | 309 07 K     | Sagorik  | 3-gonk    | · Sag with |
| 9         | 1RR18CS070 | MANISHA K M       | Matterso               | Manuly      | Mamile          | Marine       |          | Marrie    | Namel      |
| 10        | 1RR18CS073 | MANOJ U K         | (M)                    | QQT         | age .           | QH.          |          |           | OQAL.      |
| 11        | 1RR18CS076 | MOHAMMED SAYED S  | Course                 | Sauch       | Carred          | Sauce        | Sayera   | Sauce     | Source     |
| 12        | 1RR18CS099 | PRAJWAL           | THE THE                |             | AN.             | THE STATE OF | 414      | K S       | N A        |
| 13        | 1RR19CS123 | SAGAR R           | Sagano                 | Sagari      | eagar           | Lagariz      | Sugar    | Degare    | Sagari     |
| 14        | 1RR19CS124 | SAHANA B M        | Sahan                  | Sahana      | Elaro           | Baham        | Valana   | Saharas   | Valara     |
| 15        | 1RR19CS125 | SAHANA RAJA       | Phana                  | Aran        | Arana           | Trans        | Brand    | grang     | Almen      |
| 16        | 1RR19CS126 | SAHANASHREE       | Dmaa                   | Sabaca      | retoro          | disora       | diago    | those     | donna      |
| 17        | 1RR19CS127 | SAI PAVAN B N     | Smi                    | Low         | Sai             | Sac          | Sai      | Lai       | Sai        |
| 18        | 1RR19CS128 | SAMYUKTHA R       | Referenthe             |             | R. BayTh        |              |          | Roberthe  |            |
| 19        | 1RR19CS129 | SAMYUKTHA S       | Banque                 | Source      | 80m             | 8600         | Sense    | 8000      | 8ans       |
| 20        | 1RR19CS130 | SANSKAR DROLIA    | Ban Kan                | Sankin      | Boule           | Sonico       | Semila   | Dan 125   | Soules     |
| 21        | 1RR19CS131 | SANTHOSH R        |                        | Garted P    |                 |              | Sally P  | Cut. R    | Bowksh     |
| 22        | 1RR19CS132 | SANTOSH K         | Bonton                 | Soutor      |                 | Rontols      | Putoth F | Soutoh.k  | Centosh    |
| 23        | 1RR19CS133 | SHAFIYA ASHUMA A  | Be Figure              | By Rice     | 1 0 0 3.44      | Aug Me       | Ang Ser  | groff gen | trafigh.   |
| 24        | 1RR19CS134 | SHANKARLING       | ans                    | 6           | A-3             | No           | gra      | aus       | AB         |
| 25        | 1RR19CS135 | SHASHWTH S KHARVI | da.                    | _           | \$00            | - And        | shot.    | Start S   | 9/23       |
| 26        | 1RR19CS136 | SHEEBALAKSHMI S   | Sheeba                 | 10          |                 | sheep        |          | Sheet     | 4 Sheep    |
| 27        | 1RR19CS137 | SHIBIN C REJI     | Pluba                  | De Sin      | 8 day           | 2 82 hu      | 8 L      | 8 hu      | Robe       |
| C 14/51   | 1RR19CS138 | SHIREESHA Y A     | Charles Annual Control | a Shire     | Shineel         | Ld. I        | Chinch   | hirely    |            |
| 28        | 1RR19CS140 | SHREE KRISHNA     | glaculist              | 1           |                 | AR           | (86)     | (AB)      | herlish    |
| 29        | 1RR19CS141 | SHREYANKA J T     | Chrevak                | Shreyala    | -               | a Chules     | A        | 1 1 1 1 1 | 10 1       |
| 30        | 1RR19CS142 | SHRIDEV UDUPA E S | Marel                  | 100         | gase            | 100          | Mala     | Shright   | an         |
| 31        | 1RR19CS143 | SHRISTIJ          | 1110                   | 11350       | 11              | S Water to   | 100      | 0 0       | 1 Course   |

|       |            |                     | 11.11   | .2021  | 12.11  | .2021    | 13.1      | 1.2021   | 15.11.2021 |
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| SL.NO | USN        | NAME                | 18CS51  | 18CS52 | 18CS53 | 18CS54   | 18CS55    |          | 18CIV59    |
| 33    | 1RR19CS144 | SHRITI ARVIND SINGH | Shirli  | Shriti | Shriti | Shitti   | (AB)      | (AB)     | AB:        |
| 34    | 1RR19CS145 | SHYAM SUNDAR G      | मुल्लेक | Shyan  | Stran  | Ships    | ghann     | Shyang   | Blypus     |
| 35    | 1RR19CS146 | SIDDESHA O B        | ens.    | OBS.   | DD8-   | 038.     | DES       | 905      | mas        |
|       | Total No   | o, of Students      | 35      | 35     | 35     | 35       | 35        | 35       | 35         |
|       | No. o      | of Absent           | 00      | 00     | 01     | 01       | 02        | 02       | 02         |
|       | No. o      | f Present           | 35      | 35     | 34     | 311      | 33        | 33       | 35         |
|       | No. of I   | Malpartices         |         | -      | _      | 7        | To a con- | <u> </u> | 10 3 S     |
|       | Invigilat  | or Signature        | B1      | · coly | 16     | 10. Soll | the       | (D)      | 118        |

Miller

Professor & Head, Computer Science & Engineering
Professor & Head, Coulting France & He

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# Rajarajeswari college of Engineering Bengaluru -74

Department of Computer Science and Engineering Students Attendence for First Internals

| Sem/Se |            |                  | 11.11.         | 2021   | 12.11   | .2021     | No:317    | .2021    | 15.11.2021   |
|--------|------------|------------------|----------------|--|---|-----------|-----------|----------|--------------|
| SL.NO  | USN        | NAME             | 18CS51         |  |   |           |           |          | 18CIV59      |
| 1      | 1RR19CS147 | SIMPLE K S       | Birthetis      |  | Binkyk  | Dimith K  | 5 Hingh X | graphy.  | Bircht. K    |
| 2      | 1RR19CS148 | SINDHUSHREE V    | Birolm         | Singles  | Shely   | Bindly    | Side      | Birolly  | Birolin      |
| 3      | IRR19CS149 | SNEHA APARNA     | Suela Apos     |  |   |           |           | Solah    | ana Sucha Ap |
| 4      | 1RR19CS150 | SNEHA N V        | Sulvo.N.V      | Sala N   | Sulon   |           | Cwha.M    |          | Sheho. No    |
| 5      | 1RR19CS151 | SOMESHWAR S      | Sendhard.      | -  | Pomerhund   | Spreeghin | Cometro   | 0.02     | blomeshag    |
| 6      | 1RR19CS152 | SOWMYA M N       | Cournya        | Sourrys  | Souma   | Sourrige  | Source    | Surgar   | South        |
| 7      | 1RR19CS153 | SPOORTHY KS PB   | ABlend         | ( Asi  | PR  | AB        | (AB)      | AB       | (AB)         |
| 8      | 1RR19CS154 | SRIGOWRI N       | elve           | shu:   | emas  | 8mx       | shir      | gmi.     | Short        |
| 9      | 1RR19CS155 | SRIVALLI N       | SPWAIL         | SENALL   | SEWALL  | SPIVALL   | Sewaye    | SPWALL   | SRIVALLY     |
| 10     | 1RR19CS156 | SUHAS CHANDRAN R | Sur            | Till   | The same  | Trust.    | (Q)       | all.     | म्मिर-       |
| 11     | 1RR19CS157 | SUMAIYA NADEEM   | Soju           | Sun  | Sna   | Sur       | Bio       | Sura     | Sie          |
| 12     | 1RR19CS158 | SUMANTH S        | Surnant        | Swan   | Luman   | Sypon     | Summer    | Landaria | Turning.     |
| 13     | 1RR19CS159 | SUMANTH V        | Enth.          | 60 A   | ( )   | \$ AM     | \$ of     | BA       | 1            |
| 14     | 1RR19CS160 | SURYAKANTH       | Shall          | Cart.  | W.  | Sharp.    | Shap      | tal.     | <b>S</b>     |
| 15     | 1RR19CS161 | SUSHMITHA M      | Schmitter      | Sushmithal   | Sudmitto  | Sushmitha | Sushmitha | sushmite | sushmithan   |
| 16     | 1RR19CS162 | SYED MANSOOR     | 600            | 80   | Ena   | 800       | 673       | Read     | 600          |
| 17     | 1RR19CS163 | T KARTHIK        | Kzorte?        | tarth  | rtonly  |           | Karte     | ekstee   | Horten       |
| 18     | 1RR19CS164 | TEJAS V          | Tejasik        | Tejasiv  | - WO TO THE PARTY OF THE PARTY | Tejas!    | Ejas.V    | Tejas.1  | Tejasov      |
| 19     | 1RR19CS165 | UDAYA S          | Volayar        | 1 (1   | 0.  | Sud ayas  | 6 Udayos  | Volous   | S ysogya.S   |
| 20     | 1RR19CS166 | VAIDEHI A        | (A)            | 02   | 02  | 03        | as        | 02       |              |
| 21     | 1RR19CS167 | VARSHA P         | Varshaf        | TO .   | Varibol   | Voushal . | Yorshot   | Vorster  | Varshap      |
| 22     | 1RR19CS168 | VARSHITHA H      | 19 10 10 E.S.  | 100  | Variat  | Mas       | X         |          | Sherchits    |
| 23     | 1RR19CS169 | VASANTHA D V     | Vasatha        | Voetla   | Vousanth  | Vasareth  | rasconth  | Mussell  | Vasaritha    |
| 24     | 1RR19CS170 | VIJETH S GOWDA   | الياميدوللانكا | Wether   | winter  | Morrison  | Mette     | Mysta    | Whiteman     |
| 25     | 1RR19CS171 | VIKASHB) AB      | Algert)        | The state of the s | AR  | AB        | (AB)      | 13       | 7AQ"         |
| 26     | 1RR19CS172 | VINAYN           | ALAST          | VI M   | Alv.  | WAR.      | an        | UAP      | 1000         |
| 27     | 1RR19CS173 | VINUSHREEE K     | 1 inunity      | Winest!  | Hirest  | Biruht    | 1 June    | Hiruff   | Shired K     |
| 28     | 1RR19CS174 | VISHAL L         | Vilhall        | Whall  | Viral   | Vehall    | Vihil     | Wall     | Viral        |
| 29     | 1RR19CS175 | VISHWAS K        | K.YIS.         | KIKH   | Sur   | NA        | KURL      | Carl I   | KYE          |
| 30     | 1RR19CS176 | YALLA DHEERAJ    | 7. Depti       | 4.00 DA  | 7.0.A.  | 7 DON     | YAL       | 4 Quei   |              |

|       |            | k 51194-1901     | 11.11.     | 2021      | 12.11     | .2021    | 13.11    | .2021   | 15.11.2021 |
|-------|------------|------------------|------------|-----------|-----------|----------|----------|---------|------------|
| SL.NO | USN        | NAME             | 18CS51     | 18CS52    | 18CS53    | 18CS54   | 18CS55   | 18CS56  | 18CIV59    |
| 31    |            | YASHAS RAYALA T  | Arbis      | HIM       | THO       | YLA      | yer!     | gus     | YELT       |
| 32    | 1RR19CS178 | YASHASWINI C E   |            | yashus    | yarlus    | yarlar   | Yorky    | yarlus  | your       |
| 33    | 1RR19CS179 | YASHI BILTHARIYA | yadir      | (intrap)  | yadin     | yashi    | yashi    | Jashi   | yashi      |
| 34    | 1RR19CS180 | YASHWANTH M      | 11. YOU    | das       | D. Your   | 邓二       | The same | 延       | B          |
| 35    | 1RR19CS181 | YELLA LALITH SAI | tad Addort | pettelot. | falilhran | fall fur | talk sur | Jakthya | falith tax |
|       | Total No   | o. of Students   | 35         | 35        | 35        | 35       | 35       | 35      | 35         |
|       | No.        | of Absent        | 2 `        | 2         | 02        | 02       | 02       | 02      | 02         |
|       | No. o      | of Present .     | 33         | 33        | 33        | 33       | 33       | 33      | 33         |
|       | No. of     | Malpartices      |            |           | -,        | -        | 7        | 9.50301 | 100        |
|       | Invigila   | tor Signature    | 1          | AM/       | elier     | 星祭       | P D      | AMS     | The de     |

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RAJARAJESWANI COLLEGE OF ENGINEERING
BEINGALURU - 560 074

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Bengaluru -74

Department of Computer Science and Engineering Students Attendence for First Internals

| em/Sec : \ | V/C         |               |                |              |           | Roo       | m No:喉   | to the state |            |  |
|------------|-------------|---------------|----------------|--------------|-----------|-----------|--|--------------|------------|--|
|            |             |               | 11.11.2021 12. |              | 12.11.    | 2021      | 13.11.2021   |              | 15.11.2021 |  |
| SL.NO      | USN         | NAME          | 18CS51         | 18CS52       | 18CS53    | 18CS54    | 18CS55   | 18CS56       | 18CIV59    |  |
| 1          | 1RR19CS182  | ZAHID HUSSAIN | Datid.         | Botto.       | Bash.     | Ball.     | dated  | BARLA        | Zul        |  |
| 2          | 1RR19CS112  | R SHOBHA      | Ridbor.        | Modra        | halo      | dosc      | 7  | nothe        | Made       |  |
| 3          | 1RR18CS136  | SMARTHI       | Swell          | Sucetho      | Snalle    | Superty   | Suasa  | Skeethel.    | Dalle      |  |
| 4          | 1RR18CS143  | SUHASH)       | (AB)           | (AB)         | (AB)      | (AB)      | (AB)   | (AB)         | AL         |  |
| 5          | 1RR20CS400  | DEVIKA HN     | Delika         | Devilor      | Devilor   | Duin      | Duils  | Ourla        | Daile      |  |
| 6          | 1RR20CS402  | NIKITHA GJ    | (SA            | (AB)         | (AB)      | (AB)      | Nikith   | ARCH he      | Nititle    |  |
| 7          | 1RR20CS403  | PRATHIBHA M   | Prathita       | Prattille    | Prathilla | Prattible | Prathil  | Prattil      | Draftel    |  |
| 8          | 1RR20CS405  | SAPTHAMI SN   | Sophanis       | & Southbanus |           | EU        | Maria de la constante de la co |              | yagity     |  |
| 9          | 1RR20CS407  | YOGITHA L     | Yogitho        | - SAN 1997   |           | Yogitha   |  |              | Y04-4      |  |
|            | Total No. o | f Students    | 09             | 09           | 09        | 09        | 09   | 09           | 09         |  |
|            | No. of A    | Absent        | 02             | 02           | 02        | 02        | 01   | 01           | 01         |  |
| 1 1        | No. of P    | resent        | 07             | 07           | FO        | 07        | 08   | 08           | 06         |  |
|            | No. of Ma   | lpartices *   | 1 NZL          |              | (=)       | NRL       | 1  | WIL          | Ny         |  |
|            | Invigilator |               | Janya Tu       | 124          | はの計画      | P. DY     | 1794   | 1 //         | 1/2        |  |

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Professor & Head, Computer Science & Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
BENGALURU - 560 074

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Bengaluru -74

Department of Computer Science and Engineering
Students Attendence for First Internals Room N

|           | Stude      | its Attendence for Firs | Internals       |           | Room No: |            |             |
|-----------|------------|-------------------------|-----------------|-----------|----------|------------|-------------|
| Sem/Sec : | VII/A      |                         | 11.11           | .2021     | 12.11    | .2021      | 13.11.2021  |
| SL.NO     | USN        | NAME                    | 18CS71          | 18CS72    | 18CS73   | 18CS742    | 18ME75      |
| 1         | 1RR18CS001 | ABHISHEK                | Applicada       | ARPANd    | APPATODA | APRITUL    | AR Poirod   |
| 2         | 1RR18CS002 | ABHISHEK GOWDA T        | Alphaha         | Alheha    | Alhaha   | Abhrebe    | Allighe     |
| 3         | 1RR18CS003 | ABHISHEK K              | Johisal         | Abhisheli |          | Ayw shell  | Shoule      |
| 4         | 1RR18CS004 | ADHARSH N JOSE          | Tair            | Dist      | Dit      | P24        | 2           |
| 5         | 1RR18CS005 | ADRIN A                 | Advin           | Adrin     | Advin    | Adric      | Advin       |
| 6         | 1RR18CS006 | AFZAL ULLA              | Thabile         | Model     | Afralul  | Maldle     | - think     |
| 7         | 1RR18CS007 | AISHWARYA P             | 477             | disk      | dist     | dish       | ditt        |
| 8         | 1RR18CS008 | AISHWARYA T             | Dignary 51      | Brymanted | admont   | Phoneyet   | phonony     |
| 9         | 1RR18CS010 | AKARSH GAGAN            | del             | de d      | dest     | dhy        | all         |
| 10        | 1RR18CS011 | AKASH P                 | SKash P         |           | StachP   | NoshP      | Alash       |
| 11        | 1RR18CS013 | AKSHAY S                | (Per Chair)     | CHEROR    | (AB)     | (AB)       | Miseau      |
| 12        | 1RR18CS014 | AMAN ARYAN              | Pusta           | Promo     | Aron     | Dryon      | Praya       |
| 13        | 1RR18CS017 | AMULYA D M              | Arnely c D.     | Amelya    | Amelyer. | Amelya. Dr | U. 50555445 |
|           | Total No.  | of Students             | 13              | 13        | 13       | 13         | 13          |
|           | No. of     | Absent                  | NIL             | NIL       | 01       | 018        | NIL         |
|           | No. of     | Present                 | 13              | 13        | 12       | 12         | 13          |
|           | No. of M   | lalpartices             | ₩ or <b>=</b> , |           | -        | 1621       | 7           |
| 101       |            | or Signature            | Suma            | Vandi     | Bir      | 12/11/2    | -BBL        |

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Professor & Head, Computer Science & Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
BENGALURU - 560 074

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Bengaluru -74

Department of Computer Science and Engineering
Students Attendence for First Internals Room No:604

| em/Sec | : VII/A    | 1 Min 2 200        | 11.11       | .2021       | 12.11    | 13.11.2021 |             |
|--------|------------|--------------------|-------------|-------------|----------|------------|-------------|
| SL.NO  | USN        | NAME               | 18CS71      | 18CS72      | 18CS733  | 18CS742    | 18ME751     |
| 1      | 1RR18CS018 | ANIRUDH BARMAN     | Animal      | Anirud      | Ands     | Andes      | Andh?       |
| 2      | 1RR18CS020 | ARPITHA A JOSHI    | AB          | AB          | Atrapi   | Abook!     | AMOU        |
| 3      | 1RR18CS022 | ASHISH ASHOK NAIK  | Analy       | Anois       | Anaile   | Anaily     | Anaika      |
| 4      | 1RR18CS023 | ASHWINI S KATAGERI | JOK         | ADR         | MOR      | A Rose     | Me          |
| 5      | 1RR18CS025 | BHARATH S S        | Bharte      | Bharte      | Bharstr  | Bharte     | Bhart       |
| 6      | 1RR18CS027 | BHARGAV H PRAKASH  | Bresyler    | Brusher     | Maryer   | Thoryas    | Brusye      |
| 7      | 1RR18CS028 | BHOOMIKA S         | Donito      | Brook!      | Promiles | -883-      | THE         |
| 8      | 1RR18CS029 | BHOOMIKAA P SAMAK  | Bloom from  |             | Browless | Bhranhaes  | Bhowhad     |
| 9      | 1RR18CS030 | BINDUSHREE S       | Bind        | Brde        | Bis      | Brich      | Bud         |
| 10     | 1RR18CS031 | CHAITHRA Y P       | ( Laldwox   | Chelled     | Cheidin  | Chestin    | Cheidy      |
| 11     | 1RR18CS032 | CHANDANA S SHETTY  | diade       | chah        | chardas  | charle.    | chardy      |
| 12     | 1RR18CS033 | CHANDANA V         | AB          | AB          | worled   | Mondy      | Jehrde      |
| 13     | 1RR18CS034 | CHANDRASHEKAR      | Agadoo      | Algadion    | Augenton | Alfodio    | Alfodia     |
| 14     | 1RR18CS035 | CHARAN KUMAR M     | ED.         | CX          | a        | - (co      | Co          |
| 15     | 1RR18CS036 | CHAYA B S          | May 1       | Caye        | Corp     | Days       | tay         |
| 16     | 1RR18CS037 | CHOUHAN            | Sug         | Shif        | Lay      | Shif       | you         |
| 17     | 1RR18CS038 | CHRIS ELROY ROBERT | AB          | Oli         | AB       | Chia.      | O.          |
| 18     | 1RR18CS039 | D S NISHCHAL       | 1.2.20 Dalm | NEW POR     | 26.Mg/   | DO-NOTION. | DE NOG      |
| 19     | 1RR18CS040 | DEEKSHA R          | Derby.      | luboly.     | letter.  | luly-      | Dukent.     |
| 20     | 1RR18CS041 | DEEPIKA N          | Depita      | Depile      | Belie    | tarple     | Teepite     |
| 21     | 1RR18CS042 | DEEPTHIJ.          | O A         | Bala        | Catio    | Jan Com    | AB.         |
| 22     | 1RR18CS043 | DEEPTHI M          | AB          | AB          | Deephi.H | Deepwin    | Dupper 1    |
| 23     | 1RR18CS044 | DEWANSHI           | Lewans      | Lawy        | James    | double     | July        |
| 24     | 1RR18CS045 | DHEERAJ K B        | あってい        | Ba . Ko     | BF-KD    | Dr. Kil    | 84-5G       |
| 25     | 1RR18CS046 | GAGANA C V         | 9,00        | 8,000       |          | 2          | Sing        |
| 26     | 1RR18CS047 | GAGANA S           | Gragoros    | Giagonas    | Crapana  | Gogoval    | Gospina     |
| 27     | 1RR18CS048 | GOWTHAMIRAJ B      | Godhaaki    | Gullacilla  | AD.      | AB         | Godkowiki   |
| 28     | 1RR18CS049 | GURU NAVEEN K      | Guzza       | Charle      | Guy      | Gury       | Chry        |
| 29     | 1RR18CS050 | GURURAJ K L        | Cordon      | CA          | Can      | e          | 010         |
| 30     | 1RR18CS051 | HARIHARAN T        | Provide     | Planto      | RHOWA    | CHOWA      | Champa      |
| 31     | 1RR18CS052 | HARSHAVARDHANA A L | 1           | Haushikidho |          | C-         | Hardoladlas |
| 32     |            | HEMANTH REDDY A    | R. AW       | REM         | P VI     | IPLAL      | 10-11       |

|                    | St         | udents Attendence for First | Internals      | Roo        | m No:604      |            |                      |
|--------------------|------------|-----------------------------|----------------|------------|---------------|------------|----------------------|
| Sem/Sec :          | VII/A      |                             | 11.11          | 11.11.2021 |               | 12.11.2021 |                      |
| SL.NO              | USN        | NAME                        | 18CS71         | 18CS72     | 18CS733       | 18CS742    | 13.11.2021<br>18ME75 |
| 33                 | 1RR18CS054 | JAGADISH T D                | Tagadish       | Sandyph    | Bourgo        | Toget III  | Togodi               |
| 34                 | 1RR18CS055 | JATIN V                     | Jatin.V.       | Jatin.V.   | Julih. V.     | Jalin.V.   | Jalin.V              |
| 35                 | 1RR18CS056 | JAYADEEP REDDY G            | Toyoderft      | ToyodeepG  | Toyobella     | Toyokeda   | Togetach (           |
|                    | Total N    | o. of Students              | 35             | 35         | 35            | 35         | 35                   |
| 1                  | No.        | of Absent                   | 05             | 03         | 03            | 02         | 01                   |
| No. of Present     |            | 30                          | 32             | 32         | 33            | 31         |                      |
| No. of Malpartices |            | - N                         | <b>—</b> , 188 | Q          | Art (Sec. 13) | 4          |                      |
|                    | Invigila   | tor Signature               | Matter         | cha        | Bo            | - (2       | - B'~i               |

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Professor & Head, Computer Science & Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
BENGALURU - 560 074

# Rajarajeswari college of Engineering Bengaluru -74

Department of Computer Science and Engineering

|           | Stud       | ents Attendence for First I | nternals        | Ro         | om No:60   | 5         |            |
|-----------|------------|-----------------------------|-----------------|------------|------------|-----------|------------|
| Sem/Sec : | VII/A,B    | l l                         | .11.11          |            | 12.11      |           | 13.11.2021 |
| SL.NO     | USN        | NAME                        |                 |            |            | 18CS742   | 18ME751    |
| 1         | 1RR16CS070 | LIKITHA. K.S                | Likolla         | liketha    | Likelika   |           | العلامان   |
| 2         | IRR19CS400 | AISHWARYA S                 | Aurly           | Dieser     | Airl       | Airl      | Juis       |
| 3         | IRR19CS401 | CHETHANA                    | UR.             | elve       | Utop.      | elex      | AB         |
| 4         | IRR19CS402 | GNANAVI                     |                 | Gayavi's   | Gayavi s   | GOMAN; B  | AB         |
| 5         | IRR19CS403 | JASHWANTH R                 | Tolund          | Continette | Talluntil  | (allwall) | Toutunike  |
| 6         | IRR19CS407 | SAHANA B                    | Sahares         | Saharas    | Schares    | SaharoB   | Saharaf    |
| 7         | 1RR18CS057 | JEEVITHA D                  | Tomak           | Texto      | Troustles  | Jegg Pu   |            |
| 8         | 1RR18CS058 | JYOTHI N                    | Igothin)        | Jethan     | Tyothir N  | Typthin   | Tyothin    |
| 9         | 1RR18CS059 | K S GOVIND                  | browndt         | THOUGHT    | Crounds    | (AB)      | Wound t    |
| 10        | 1RR18CS060 | KAVYA H N                   | Komyacti.       | Kongatia   | Konnath    | Konganthi | Kongarto   |
| 11        | 1RR18CS061 | KAVYA RA                    | DARA            | (wyfer     | D-PRA(     | W fra     | CPA        |
| 12        | 1RR18CS062 | KEERTHANA G                 | Cere hove       | Ver hout   | recement   | ceelhour  | roshon     |
| 13        | 1RR18CS063 | KESANI YASWANTH             | IL MA           | K. You     | - VAIS SER | K. And    | K. Fret    |
| 14        | 1RR18CS064 | KRUTHIK B S .               | <del>1881</del> | took       | Kang       | tasy.     | 108        |
| 15        | 1RR18CS065 | KUSUMA M G                  | Kyry            | Kuluy      | 1 kusucy   | Kelm      | auto       |
| (16)      | 1RR18CS066 | LAYANYA G                   | TOSENL          | ABSENT     | Day. 4     | Do 344    | Ood .      |
| 17        | 1RR18CS068 | MAHESH                      | Muse            | Mill       | Beld       | Mest      | Musp       |
| 18        | 1RR18CS069 | маматна с G                 | Manage          | home       |            | Margo     | Mana       |
| 19        | 1RR18CS071 | MANJUNATH H L               | GOH.            | B. 27      | my L       | 10 TT     | TO M       |
| 20        | 1RR18CS074 | MANTOSH KUMAR               | 12              | A.         | en         | th.       | 2          |
| 21        | 1RR18CS075 | MOHAMMED AFZAL              | -thus-          | AR         | AM.        | the.      | AB         |
| 22        | 1RR18CS077 | MOHITH M                    | Mbrith          | Warith     | Ruskith    | Mohith    | With       |
| 23        | 1RR18CS078 | MOKSHA S BABU               | Me              | MIL.       | Mile       | M         | Mile       |
| 24        | 1RR18CS079 | MOOKAMBIKA S                | Our.            | and        | ANS SEND   | (AB)      | Quy        |
| 25        | 1RR18CS080 | NANDINI B S                 | Martiniss       | Mardiners  | Hatilous   | Nativis   | 1 muito    |
| 26        | 1RR18CS081 | NANDITHA A                  | went            | Martin     | hendit     | Meliti    | Kenli.     |
| 27        | 1RR18CS082 | NANJUNDESHWARA 🦠            | Swanne          | SwayMl     | Suny       | Swert     | Swamm      |
| 28        | 1RR18CS083 | NARASIMHA SHASTRY           | K:Sin           | - KS       | 20         | KOZ       | 1          |
| 29        | 1RR18CS084 | NAVEEN M                    | Novem           | Nonzer     | Marcin     | Nover     | Mallow     |
| 30        | 1RR18CS085 | NAVYA CHETANA R L           | Marya           | Navya      | Navya      | Marya     | Navya.     |
| 31        | 1RR18CS086 | NAVYASHREE G                | Marchelin       | & Maryny   | May July   | reamuli   | Merry      |

| Sem/Sec | : VII/A,B  |                    | 11.11   | .2021  | 12.11    | 13.11.2021 |          |  |  |  |
|---------|------------|--------------------|---------|--------|----------|------------|----------|--|--|--|
| SL.NO   | USN        | NAME               | 18CS71  | 18CS72 | 18CS733  | 18CS742    | 18ME75   |  |  |  |
| 32      | 1RR18CS087 | NAYANA LS          | Nayas   | Norton | Noval    | Natis      | Mayor    |  |  |  |
| 33      | 1RR18CS088 | NEHA R             | Helpel  | Helas. | Helies.  | Nelas      | Helas B  |  |  |  |
| 34      | 1RR18CS089 | NIDHISH A N        | Jack    | - 12   | dist     | - Ind      | - Jude   |  |  |  |
| 35      | 1RR18CS090 | NIRANJAN A S       | 10.     | 5      | 5        | 10         |          |  |  |  |
|         | Total No.  | of Students        | 35      | 35     | 35       | '2 (       | 35       |  |  |  |
|         | No. o      | f Absent           | 01      | 0      | 02       | 02         | 03       |  |  |  |
|         | No. of     | Present            | 34      | 34     | 33       | 33         | 32       |  |  |  |
|         | No. of M   | <b>Ialpartices</b> | 70      | 1      | · 朝秋文    | Aleber     | <u> </u> |  |  |  |
|         | Invigilato | or Signature       | 1       | XLE    | Long     | 10         | N. 11    |  |  |  |
|         |            | 21 ×               | भीगित्र | Mulzi  | 12/11/21 |            | 15/11    |  |  |  |

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BENGALURU - 560 974

# Rajarajeswari college of Engineering Bengaluru -74

Department of Computer Science and Engineering

|         | St                               | Department of Computer Scient<br>adents Attendence for First Internals | ce and El |             |            |            |  |
|---------|----------------------------------|--|-----------|-------------|------------|------------|--|
| Som/Soc | :: VII/B                         |  | 11.11     | 1.2021      | 12.11      | 13.11.2021 |  |
| SL.NO   | USN                              | NAME   | 18CS71    | Wasselfer . | 18CS733    | 18CS742    | 18ME751  |
| 1       | 5275698 (1440)                   | NISHCHAL NARAYAN S   | Nikha     | Nishdal     | Nischal    | Niovhal    | Nobelal  |
| 2       |                                  | P SAI KUMAR  | (AB)      | AB          | Sale       | Sila       | Soil   |
| 3       | AND STORY THE STORY OF THE STORY | PATIL ABHILESH ATUL  | ME        | Lou         | ABSENT     |            | Lei  |
| 4       |                                  | PEYYALA VENKATA NEHRU YADAV  | P.Nel     | P.Neto      | 8:194      | 2 Nemo     | 74   |
| 5       | 1RR18CS096                       | POOJA GAONKAR  | Ar.       | gan.        | Ph.        | agg        | con.   |
| 6       | 1RR18CS097                       | POOJA LAKSHMI N B  | FL. W.B   | EL N.B      | ph.10.3    | ph. No.B   | ph-100   |
| 7       | 1RR18CS100                       | PRAJWAL V BAGARE   | Brajus    | Prajes      | Prajwall   |            | Brywa  |
| 8       | 1RR18CS101                       | PRANAV KANWAR  | 1A-13     | AR          | ABSEN      |            | AB   |
| 9       | 1RR18CS102                       | PRATIBHA DESHAK  | 3enale    | Pould       | (Poerhal   | Prentice   | Berlo  |
| 10      | 1RR18CS103                       | PRERANA  | 虚.        | Aug.        | Pery       | du         | July   |
| 11      | 1RR18CS104                       | PRIYA R  | Peryer    | Perye       | The second | Priya      | Politie  |
| 12      | 1RR18CS105                       | PRIYANKA S   | 1 purpose | Mundo       | Horpe      | Horas      | prograf  |
| 13      | 1RR18CS106                       | RAKESH B R   | Red       | Y.K.        | The W      | RM         | KKI  |
| 14      | 1RR18CS107                       | RAKSHITH KUMAR M   | Radio     | Kal         | (Rail)     | (Rail      | Ras  |
| 15      | 1RR18CS108                       | RAMYA K  | ROK       | 200         | Dok        | PCX        | 7  |
| 16      | 1RR18CS109                       | RAVI KUMAR H   | Plent     | Peterte     | Patent H   | BENT       | Buking   |
| 17      | 1RR18CS110                       | RONITH P R   |           | Routh       |            | (Mg)       | Roote  |
| 18      | 1RR18CS111                       | ROOPASHREE K   | Response  |             | 100        | 1          | John &   |
| 19      | 1RR16CS153                       | SUMA.N   | Suma.     | 1 Suma,     | Suma-N     | Somo. N    |  |
| 20      | 1RR19CS404                       | MOHAMMED IJAS  | 1 of      | 1-Ans       | AT 12      | (AB)       | THE STATE OF THE S |
| 21      | 1RR19CS405                       | MOHAMMED SADIQ   | Pold      | 900         | Hode       | fold       | Hold.  |
| 22      | 1RR19CS406                       | RAMESH KUMAR   | Range     | Durish      | Daring     | Danier     | Region   |
| 23      | 1RR19CS408                       | SHAFINAZ,S   | 1 Shahara | Sulinas     | Swing      | glating    | Selina   |
| 24      | 1RR19CS410                       | VIJEETHKUMAR   | llog      | llas        | July       | Male       | Mal  |
| 25      | 1RR18CS112                       | ROOPTEJ A  | FAY       | FAH         | A-Hy       | AAV        | MY   |
| 26      | 1RR18CS113                       | S MOHAMMAD SHOAIB  | +8.       | A           | 8-         | 18         | 15   |
| 27      | 1RR18CS114                       | SACHIN   | Count     |             | Ginny.     | Coulmin    | Cause  |
| 28      | 1RR18CS115                       | SACHIN SHARMA  | Thicky    | - Jackin    | - Louis    | Tache      | Jack   |
| 29      | 1RR18CS116                       | SAGAR JAGANNATH SUTAR  | 和         | #           | Serl       | 粉          | 42   |
| 20      | 1RR18CS117                       | SAHANA   | Sahane    | Suhare      | Reliano    | Galara     | Lahou  |

| Sem/Se | m/Sec : VII/B |                       | 11.1          | 12.1         | 13.11.202 |   |        |
|--------|---------------|-----------------------|---------------|--------------|-----------|---|--------|
| SL.NO  | USN           | NAME                  | 18CS71        | 18CS72       | 18CS733   | 18CS742                                 | 18ME7  |
| 31     | 1RR18CS118    | SAHANA C              | the           | ortice       | Kilon     | Q1.L                                    | Mark . |
| 32     | 1RR18CS119    | SAHANA K              | ( Substantial | Lote         | botros    | - Kalan                                 | 10     |
| 33     | 1RR18CS120    | SAHANA K              | Sakans        | Sabort       | Salarate  | Laborek                                 | Calm   |
| 34     | 1RR18CS121    | SAHANA P              | Souhanop:     | Sahano P     | Sahano.P  | Cahano.P                                |        |
| 35     | 1RR18CS122    | SAHANA R              | Sahanal       | Salvana      | Schange   | Ralianal                                | gahar  |
|        | 7             | Total No. of Students | 35            | 35           | 35        | 32                                      | 35     |
|        |               | No. of Absent         | 03            | 05           | 04        | 05                                      | 03     |
|        | <u> </u>      | No. of Present        | 32            | 32           | 31        | 30                                      | 32     |
|        |               | No. of Malpartices    | 00            |              | 21-2-7    | 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - |        |
|        | 1             | nvigilator Signature  | 818           | The state of | MA        | DELLA                                   | Mar    |

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Professor & Head, Computer Science & Engineering
RAJARA JESWARI COLLEGE OF ENGINEERING
BENGALURU - 560 074

# Rajarajeswari college of Engineering Bengaluru -74

Department of Computer Science and Engineering
Students Attendence for First Internals Room I Room No:620

|          | Students Attendence for First Into   |  | n <u>als                                    </u> | Roo       | m No:620      | 12 11 2021 |  |
|----------|--|--|--|-----------|---------------|------------|--|
| em/Sec : | VII/B,C  |  | 11.11  | .2021     | 12.11         | 13.11.2021 |  |
| SL.NO    | USN  | NAME   | 18CS71   | 18CS72    | 18CS733       | 18CS742    | 18ME751  |
| 1        | 1RR18CS123   | SANDYA M V   | Soudya   | Sardin    |               | Sough      | Sadio  |
| 2        | 1RR18CS124   | SANJANA M  | Sugar. M   | Zancua.M  | garan.m       | Darguo W   | Saigner  |
| 3        | 1RR18CS125   | SAURABH SHEDABALE  | Steet  | Studbal   | Status        | Symbol     | Settoel  |
| 4        | 1RR18CS126   | SHAIK MOHAMMED ASIF  | Lit  | Sif       | Still         | 134        | ASS  |
| 5        | 1RR18CS127   | SHALINI G  | Shalmil  | Shalinit  | Sholinih      | Snatiai 4  | Swings   |
| 6        | 1RR18CS128   | SHARAN S T   | S.T.Shara  | S.T.Shara | 8.T.Chara     | ns.T.Shora | Sigher   |
| 7        | 1RR18CS129   | SHASHANK M   | StathankM  | ghadanth  | Blahavery     | Malaven.   | Marian   |
| 8        | 1RR18CS130   | SHILPASHREE H A  | AB   | AB        | D. of beature |            | 1000   |
| 9        | 1RR18CS131   |  | AB   | AB        | (A)           | AB         | A STATE OF THE STA |
| 10       | The section of the se | SHRAVANTHI S   | Straight   | Showing   | Charadi       | 0          | Propositi  |
| 11       | 1RR18CS133   | A CONTRACTOR OF THE REAL PROPERTY OF THE REAL PROPE | Dell.  | au        | 600           | 200        | ANY  |
| 12       | 1RR18CS134   |  | Bueys  | Buen      | Sheeps.       | Buys       | Quelle   |
| 13       | 1RR18CS135   | SINCHANA T R   | THEFE.   | 400       | free          | 400        | 101318   |
| 14       | 1RR18CS137   | 24(2)  | ghith.   | Blitt     | allie         | shut.      | (AB)   |
| 15       | 1RR18CS138   | SOHAN M  | Solara   | Blado     | (AB)          | 23         | PLOIS  |
| 16       | 1RR18CS139   | SOURAV BOYAL   | Shu  | Dur       | Du            | John       | W.   |
| 17       | 1RR18CS140   | SPOORTHY UDAYAKUMAR  | gpoortlu   | Spoort    | 4 8 000844    | 0          | Spoosth  |
| 18       | 1RR18CS141   | SRIJAN K   | 84   | X         | 882           | SPE        | 0  |
| 19       | 1RR18CS142   | SUDHARSHANA V P  | AB   | AB        | Sin           | Spor       | 913  |
| 20       | 1RR18CS144   | SUNEERAJ K S   | AB   | 173       | Suprj         | Souper     | genter)  |
| 21       | 1RR18CS145   | SUPRIYA P  | Supriu   | Suprin    | supry         | Bupon      | But any  |
| 22       | 1RR18CS146   | SURAKSHA S   | Surabila   | . Syouh   | Spraled .     |            | 5000   |
| 23       | 1RR18CS14  | 7 SYED ALEEM   | Aleus  | 37        | 1             | Merca      | Mendo  |
| 24       | 1RR18CS14  | 8 SYEDA MUSKAN   | Ryedamuk   |           | a Kyedanus    | of Traman  | Sydown   |
| 25       | 1RR18CS14  | 9 THANUSHREE K S   | haund  | James     | 00            | 1 Man      | 1010   |
| 26       | 1RR18CS15  | The second secon | 70   | 1         | 1 8/2.        | u whinh    | erim   |
| 27       | 1RR18CS15  |  | Wind   |           | unul          |            | 2 7  |
| 28       | The second secon | and the second s | North  | Vaish     | Coch          | Circle     |  |
| 29       | 1RR18CS15  |  | Nathru   | y wach    | de Vocatos    | Local      | Vacatra  |
| 30       |  | The second secon | MA   | 1 And     | 1             | 12         | 1,75   |
| 31       |  |  | Varil  | - Walls   | Jan           | S Value    | Val  |
| 32       | 1RR18CS15  | 6 VEENAS   | 1 enaige   | , Noona   | & Joans       | \$ young   | Verse.   |

| em/Sec | · VII/B,C  |                   | 11.1   | 11.11.2021 |         | 12.11.2021 |                  |
|--------|------------|-------------------|--------|------------|---------|------------|------------------|
| SL.NO  | USN        | NAME              | 18CS71 | 18CS72     | 18CS733 | 18CS742    | 13.11.20<br>18ME |
| 33     | 1RR18CS157 | VIGNESH R         | Sie    | Vis        | Vie     | Vie        | Vis              |
| 34     | 1RR18CS158 | VINAY N S         | (1/1)  | (V)        | (14.).  |            | W                |
| 35     | 1RR18CS159 | VINUTHA SHREE N N | AB     | AB         | (grus)  | Denil      | Arust            |
|        | Total      | No. of Students   | 35     | 35         | 35      | 35         | 3                |
|        | N          | o. of Absent      | 05     | 05         | 02      | 02         | 02               |
|        | No         | o. of Present     | 30     | 30         | 33      | 33         | 22               |
|        | No.        | of Malpartices    | Nil    | Nol        | NIL     |            | MI               |
|        | Invigi     | lator Signature   | Sun    | A 25       | Ms      | has        | 1                |

16/11/00

Professor & Head, Computer Science & Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
BENGALURU - 550 074

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# Rajarajeswari college of Engineering Bengaluru -74

Department of Computer Science and Engineering

| om/Sec             | : VII/C    |                       | 11.11    | .2021    | 12.11   | .2021      | 13.11.2021 |
|--------------------|------------|-----------------------|----------|----------|---------|------------|------------|
| L.NO               | USN        | NAME                  | 18CS71   | 18CS72   | 18CS733 | 18CS742    | 18ME751    |
| 1                  | 1RR18CS160 | VISHAL KUMAR SINGH    | Visher   | Ville-   | VERY    | VICE       | Ville      |
| 2                  | 1RR18CS161 | VISHWAJEET A          | The      | #        | Eler    | ·Al        | III        |
| 3                  | 1RR18CS162 | Y ALAM BASHA          | Am       | New      | Mars    | Aler       | Hors       |
| 4                  | 1RR18CS163 | YASH AGARWAL          | (Jak)    | Yasal    | tash    | Youth      | Tasta      |
| 5                  | 1RR18CS164 | YASHASWINI CHOWDARY M | The sale | 22       | AB)     | - AB-      | AB O       |
| 6                  | 1RR18CS165 | YASHWANTH KUMAR R     | out.R    | Offir    | 49      | AB-        | Buffit     |
| 7                  | 1RR18CS166 | YUVARAJ V             | Jan:     | you-     | 00000   | Quy -      | Justo "    |
| 8                  | 1RR19CS409 | UMAR RASHID           | Lint     | 200      | ling)   | Jugy .     | LAST       |
|                    | Tota       | l No. of Students     | 08       | 0%       | 08      | 03         | 08         |
|                    |            | No. of Absent         | -        |          | 02      | 02         | 01         |
| No. of Present     |            |                       | 08       | 08       | 07      | 06         | 07         |
| No. of Malpartices |            |                       | -        |          | -       | _          | _          |
|                    |            | gilator Signature     | MODE     | H-Sallel | #6      | 12/11/2021 | 15/11/2    |

Professor & Head, Computer Science & Engineering RAJARAJESWARI COLLEGE OF ENGINEERING RENGALURU - 560 074

## Rajarajeswari college of Engineering

Bengaluru -74

Department of Computer Science and Engineering

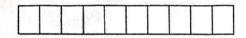
|           | Stu        | dents Attendence for First Intern | als     | Roon  | 1 No:621          |             |            |
|-----------|------------|-----------------------------------|---------|---|-------------------|-------------|------------|
| Sem/Sec : | VII/A,B,C  |                                   |         | .2021   | The second second | 1.2021      | 13.11.2021 |
| SL.NO     | USN        | NAME                              | 17CS71  | 17CS72  | 17CS73            | 17CS743     | 17CS754    |
| 1         | 1RR17CS004 | A.YASWANTH REDDY                  | (AB)    | (AB)  | (AB)              | -AB-        | -4B        |
| 2         |            | AJAY CHARAN                       | (AB)    | AB  | (AS)              | -AB-        | AB?        |
| 3         | 1RR17CS023 |                                   | Bhushen |   |                   | Bhustard    | Bhusham    |
| 4         |            | CHANDANA.S                        | Chundan | Chandar.  | Changas           | Chemelens   | Church     |
| 5         |            | DISHANT VERMA                     | (AB)    | Frest   | (AB)              | DIL         | AB-        |
| 6         | L .        | MAYANK KUMAR                      | Mayour  | Meyare  | Meyark            | Mayore      | Mayou      |
| 7         | 1RR17CS100 | PRASHANTH                         | Peahmi) | Pranmi.   | Projeni           | Prowhers    | Propethin  |
| 8         | 1RR17CS105 | RANJAN                            | Con     | - Com   | (April)           | - Creary    | 600        |
| 9         | 1RR17CS106 | RANJAN V                          | Direco  | Marian,   |                   | anni c      |            |
| 10        | 1RR17CS125 | SHASHI PRIYA SHEETAL B M          | Dans.   | Sept.   |                   | (Mars       | A CO       |
| 11        | 1RR17CS141 |                                   | Que !   | GJE.  | Cule              | Che         | SIE A      |
| 12        | 1RR17CS147 | VANDANA                           | Vanda   | Vadage  | Vadaa             | Vacasa      | Vadas      |
| 13        | 1RR17CS155 | UMA MAHESWARI                     | (AB)    | Web   | (A2)              | lypub       | Charp      |
| 14        | 1RR17CS156 | VAHEED SKEIKH H                   | water   | Medde   | ald               | Columbi     | agreed     |
| 15        | 1RR17CS165 | YASHAS . B.K                      | Yallow  | THE RESERVE AND ADDRESS OF THE PARTY OF THE |                   | Joshin      | Splan      |
| 16        | 1RR16CS064 | KARTHIK G                         | Katelea | Kors  | Notice .          | RAMA        | Kypro      |
| 17        | 1RR16CS068 | KRISHNA                           | (AB)    | (AB)  | mus .             | Carris      | Time       |
| 18        | 1RR16CS087 | NEHAL PATIL                       | (w/km   | (uph  | (AB)              | - AB-       | -AB-       |
| 19        | 1RR16CS095 | NIVETHA.E                         |         |   | Envel             | 2 Envivelno | Enlived    |
| 20        | 1RR16CS148 | SOURABH MAHIYA                    | Enlips  | Sadville  | Sudy              |             | -#B-       |
|           | Total      | No. of Students                   | 20      | 20  | 20                | 20          | 20         |
| 4         | N          | o. of Absent                      | ム       | 03  | 05                | 0.3         | 05         |
| TO A      | N          | o. of Present                     | 15      | 17  | 15                | 17          | 15         |
| 100       | No.        | of Malpartices                    | - An    |   | 5                 |             |            |
| 1 1       | Invig      | ilator Signature                  | MODE    | 1. Salah  | The               | A           | A          |

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Professor & Head, Computer Science & Engineering RAJARAJESWARI COLLEGE OF ENGINEERING BENGALURU - 560 074 Ad



## RAJARAJESWARI COLLEGE OF ENGINEERING COMPUTER SCIENCE & ENGINEERING

#### INTERNAL ASSESSMENT-I

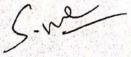
Subject: Management and Entrepreneurship for IT Industry. Max. Marks: 50

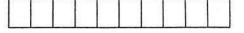
Subject Code: 18CS51 Timing: 90 Mins

Class: V SEM (A, B&C) Date:11/11/2021

NOTE: Answer ALL questions by choosing one full question from each choice.

| S.<br>NO | Questions  | Mar<br>ks | со             | P<br>O              |
|----------|--|-----------|----------------|---------------------|
| 1 2      | Define Organization? Explain nature of organization.(OR) Explain the characteristics of management.                    | 10<br>M   | 1,2,4          | 1,<br>2,<br>3,<br>4 |
| 3<br>4   | Discuss briefly about the process of recruitment and selection?(OR)  Define staffing? Explain briefly planning styles. | 10<br>M   | 1,2,4          | 1,<br>2,<br>3,      |
| 5<br>6   | Explain the importance of Planning process? (OR)  What are the steps involved in Planning?                             | 10<br>M   | 1,2,4          | 1,<br>2,<br>3,<br>4 |
| 7,<br>8  | Explain in detail What are the steps involved in Planning? (OR)  Write a short note importance of planning process.    | 10<br>M   | 1,2,3          | 1,<br>2,<br>3,<br>4 |
| 9<br>10  | Explain Herzbergs motivation- hygiene theory (OR)  Define Management. Briefly explain the levels of management?        | 10<br>M   | 1,2,3<br>1,2,4 | 1,<br>2,<br>3,<br>4 |





#### RAJARAJESWARI COLLEGE OF ENGINEERING

### COMPUTER SCIENCE & ENGINEERING

#### INTERNAL ASSESSMENT-I

Subject: Management and Entrepreneurship for IT Industry. Max. Marks: 50

Subject Code: 18CS51

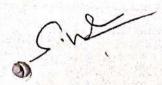
Timing: 90 Mins

Class: V SEM (A, B&C)

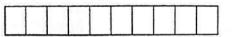
Date: 11/11/2021

NOTE: Answer ALL questions by choosing one full question from each choice.

| S.<br>NO | Questions  | Mar<br>ks | со    | P<br>O              |
|----------|--|-----------|-------|---------------------|
| 1 2      | Define Organization? Explain nature of organization.(OR) Explain the characteristics of management.                    | 10<br>M   | 1,2,4 | 1,<br>2,<br>3,<br>4 |
| 3<br>4   | Discuss briefly about the process of recruitment and selection?(OR)  Define staffing? Explain briefly planning styles. | 10<br>M   | 1,2,4 | 1, 2, 3, 4          |
| 5<br>6   | Explain the importance of Planning process? (OR)  What are the steps involved in Planning?                             | 10<br>M   | 1,2,4 | 1,<br>2,<br>3,<br>4 |
| 7<br>8   | Explain in detail What are the steps involved in Planning? (OR)  Write a short note importance of planning process.    | 10<br>M   | 1,2,3 | 1,<br>2,<br>3,<br>4 |
| 9<br>10  | Explain Herzbergs motivation- hygiene theory (OR)  Define Management. Briefly explain the levels of management?        | 10<br>M   | 1,2,3 | 1,<br>2,<br>3,<br>4 |







# RAJARAJESWARI COLLEGE OF ENGINEERING COMPUTER SCIENCE & ENGINEERING

#### INTERNAL ASSESSMENT-I

Subject: Management and Entrepreneurship for IT Industry. Max. Marks: 50

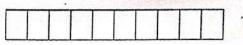
Subject Code: 18CS51 Timing: 90 Mins

Class: V SEM (A, B&C) Date:11/11/2021

NOTE: Answer ALL questions by choosing one full question from each choice.

| s.<br>No | Questions   | Mar<br>ks | со             | P                   |
|----------|---|-----------|----------------|---------------------|
| 1        | Explain the importance of Planning process? (OR) What are the steps involved in Planning?   | 10<br>M   | 1,2,4          | 1,<br>2,<br>3,<br>4 |
| 3<br>4   | Define organization? Explain the nature of organization. (OR)  Define Management. Briefly explain the levels of management?                   | 10<br>M   | 1,2,4          | 1,<br>2,<br>3,<br>4 |
| 5<br>6   | Differentiate Management & administration?(OR) Explain briefly about Traits and behavioural approach in leadership styles?                    | 10<br>M   | 1,2,4          | 1,<br>2,<br>3,<br>4 |
| 7<br>8   | Discuss briefly about the process of recruitment and selection?(OR)  Define staffing? Discuss about short term & long term manpower planning? | 10<br>M   | 1,2,3          | 1, 2, 3, 4          |
| 9<br>10  | Discuss briefly about functional areas of management? (OR)  Write a short notes on Maslow's theory of motivation?                             | 10<br>M   | 1,2,3<br>1,2,4 | 1, 2, 3, 4          |





## RAJARAJESWARI COLLEGE OF ENGINEERING COMPUTER SCIENCE & ENGINEERING

#### INTERNAL ASSESSMENT-I

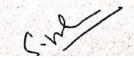
Subject: Management and Entrepreneurship for IT Industry. Max. Marks: 50

Subject Code: 18CS51 Timing: 90 Mins

Class: V SEM (A, B&C) Date: 11/11/2021

NOTE: Answer ALL questions by choosing one full question from each choice.

| S.<br>NO | Questions   | Mar<br>ks | со             | P                   |
|----------|---|-----------|----------------|---------------------|
| 1        | Explain the importance of Planning process? (OR) What are the steps involved in Planning?   | 10<br>M   | 1,2,4          | 1,<br>2,<br>3,      |
| 3<br>4   | Define organization? Explain the nature of organization. (OR)  Define Management. Briefly explain the levels of management?                   | 10<br>M   | 1,2,4          | 1,<br>2,<br>3,<br>4 |
| 5<br>6   | Differentiate Management & administration?(OR) Explain briefly about Traits and behavioural approach in leadership styles?                    | 10<br>M   | 1,2,4          | 1,<br>2,<br>3,<br>4 |
| 7<br>8   | Discuss briefly about the process of recruitment and selection?(OR)  Define staffing? Discuss about short term & long term manpower planning? | 10<br>M   | 1,2,3          | 1,<br>2,<br>3,<br>4 |
| 9<br>10  | Discuss briefly about functional areas of management?(OR)  Write a short notes on Maslow's theory of motivation?                              | 10<br>M   | 1,2,3<br>1,2,4 | 1,<br>2,<br>3,<br>4 |





### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING **Scheme & Solutions**

#### First Internal Assessment Test

Semester: 5th A,B,C Subject: Management of Entreprunewiship for IT industry Subject-code: 18CS51 Name of the Faculty:

| Q.No | Scheme & Solutions  | Marks        |
|------|---|--------------|
| 1).  | Importance of Planning:   |              |
|      | O Minimizes visk and uncertainty.   | of Shirt San |
| -    | Deads to success.   | 12           |
|      | 3 Focus attention on the organizations goals  |              |
|      | (4) Facilitales conbiol.  |              |
|      | 5 Train executive   |              |
|      | 2 marks for each spoints explain in detail.   | 1            |
| 3    | steps involved in planning.   |              |
|      | O establishing wifiable goals or set of goals to be achieved.   |              |
|      | 3) Establishing planning premises.  a) Intimal of extrenal premises. b) tangible of intangible premises. controllable of non-controllable premises. |              |
|      | c) controllable & non-controllable.   |              |

| Q.No | Scheme & Solutions   | Marks  |
|------|--|--|
|      | 3) Deciding the planning period.   |  |
|      | 4) Finding atternate courses of actions. 5) Evaluating and selecting the alternat  | Abeligi, in a case a ca |
|      | 5) Evaluating and selecting the alternate courses of actions 6) acutoping the derivative plans.  | reference on the second  |
| 3)   | Organizing: defined as a social unit or<br>human govorping deliberately structured<br>you the purpose of attaining specific<br>goals.    | 2000   |
|      | you the purpose of attaining specific  |  |
|      | Mature g organization:   | THE SAME COMMISSION OF |
|      | O Gowy of people   | to de ser in the second |
|      | De Lantifying.  (3) Achieve the common objectives.  (4) Coordination and instegrated efforts.  (5) Coordination and instegrated efforts. | doing in briefly   |
|      | 6 surger of physical maleur  | Burn.  |
|      | Industred his the extrema encurorante  |  |
|      | 1 Seamles communication.   |  |
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4)

Management: - defined as the out of gutting things done through people.

Levels of management: -

- 0 First line
- 1 middle line
- @ Top-time

Top level

middle

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Maragorial skills: O conceptual skill 1 Human relations. skill & Technical skul ranagement is called science Marginient as art. Maragement is a perofession. Administration Management organized by a group of people meaning - organised way g managing people. Authority - middle and top level. heurs sensol alcisiel. Rde - Executive concurred policy implementation Policy Formulation aria of administration full control over activities of the organization.

Recuitment - defination Sources of ouquirements. Listerral of external. Explaination in delaid. selection procedure-Job analysts Disviption specification - in detail. Encurage preferences Physical or medical examination Final interview. Explain in detail all the paints

| Q.No                                      | Scheme & Solutions   | M  |
|---|--|--|
| 3)  | Staffing! The process of recenting, outaining, dumloping and nexturing at the workforce. | Mar  |
| •   | sutaining,   |  |
| v   | the users love and newturing   |  |
|   | i L. A.  |  |
|   | Short lum explaning of 1   | my !   |
|   | short term explaning ? explain -4 long term planning. I explain -4                       | Ym."   |
|   | - 4 marks each   |  |
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| 9)  | function al areas of management  |  |
|   | Production!  |  |
|   | De Purchasing.   |  |
|   | @ materials management.  |  |
|   | 3 Research and development.  | 100  |
|   | Marketing: — Advertising rusearch.   |  |
|   | marketing susearch.  |  |
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|   | Décrance à accounting: finance à   | 11   |
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Q.No **Scheme & Solutions** Hierarchy Thory !-Maslocis Med w) self. autualizas -Honneeds Estern neds social nuds security needs physicological neds Explain in detail. comm.

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### RajaRajeswari College of Engineering

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING FIRST INTERNALS

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Subject: Artificial Intelligence and Machine Learning

Subject Code: 18CS71

Semester/Section: 7th /A, B, C

Max. Marks: 50 Timing: 90 Mins Date: 11/11/2021

NOTE: Answer ALL questions by choosing one full question from each choice.

| SI.<br>No. | Questions  | Marks | CO's | PO's      |
|------------|--|-------|------|-----------|
| 1          | Explain the key dimensions of problem in AI with suitable example  (OR)  | 10M   | CÓ1  | PO1,2,3,4 |
| 2          | Define Artificial Intelligence. Explain the domains of AI with example.  | 10M   | CO1  | PO1,2,3,  |
| 3          | Explain the following with example  i) Breadth first Search  ii) Depth First Search  (OR)  | 10M   | CO1  | PO1,2,3,- |
| 4          | Define Heuristic and Heuristic function. List the major problems in Hill climbing search and how to over come these.   | 10M   | CO1  | PO1,2,3,4 |
| 5          | What is A* search? Explain the algorithm steps for A*search.  (OR)   | 10M   | CO1  | PO1,2,3   |
| 6          | Write a note on the following  i) Problem Characteristics  ii) Problem Classification  iii) Production system Characteristics  iv) Issues in design of search program  | 10M   | COI  | PO1,2,3,4 |
| 7          | A water Jug problem: You are given two jugs, a 4 gallon one and a 3 gallon one. Neither has any measuring markers on it. There is a pump that can be used to fill jugs with water. How can u get exactly 2 gallons of water into the 4 pgallons jug? | 10M   | COI  | PO1,2.3.  |

5. who ships

| <u> </u> | (OR)   |     |       |           |
|----------|--|-----|-------|-----------|
| 8        | i) Constraint satisfaction ii) Mean End Analysis   | 10M | COI   | PO1,2,3,4 |
| 9        | Explain or give the problem solving strategy for the following Al problems  i) Tic -Tac-Toe game or Question Answering  ii) Missionaries and cannibals or 8- Puzzle game  (OR) | 10M | CO1 2 | PO1,2,3,4 |
| 10       | What are facts and explain how these facts are represented? Explain different approaches to knowledge representation.  | 10M | co12  | PO1,2,3;  |

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| SET-B |     |       |  | 1 | 1 |
| DLI D | 1 1 |       |  |   | 4 |



### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING FIRST INTERNALS

Subject: Artificial Intelligence and Machine Learning Subject Code: 18CS71 Semester/Section: 7<sup>th</sup> /A, B, C

Max. Marks: 50 Timing: 90 Mins Date: 11/11/2021

NOTE: Answer ALL questions by choosing one full question from each choice...

| SI.<br>No. | Questions   | Marks | CO's | PO's     |
|------------|---|-------|------|----------|
| 1          | Define Artificial Intelligence. List few task domains of AI with example.  (OR)   | 10M   | CO1  | PO1,2,3, |
| 2          | Define problem and problem space with an example.   | 10M   | CO1  | PO1,2,3, |
| 3          | Explain problem characteristics with appropriate and suitable example.  (OR)  | 10M   | COI  | PO1,2,3, |
| 4          | Write an algorithm to check duplicate nodes in solving a problem.   | 10M   | COI  | PO1,2,3. |
| 5          | What is A* search? Explain various stages of A* search with an example.  (OR)   | 10M   | COI  | PO1,2,   |
| 6          | Write a note on the following  i) Hill climbing or Generate and Test.  ii) Simulated annealing or Ao*                               | 10M   | CO1  | PO1,2,3  |
| 7          | Define constraint satisfaction problem. How CSP is formulated as search problem?  (OR)  | 10M   | CO1  | PO1,2.2  |
| 8          | Explain or give the problem solving strategy for the following AI problems  i) Water jug problem  OR  i) Missionaries and cannibals | 10M   | C01  | PO1,2,3  |
| 9          | With an example explain Best First Search algorithm (OR)  | 10M   | COI  | PO1,2,3. |
| 10         | What are facts and explain how these facts are represented?  Explain different approaches to knowledge representation.              | 10M   | C012 | PO1,2,2, |

### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Scheme & Solutions

First Internal Assessment Test

Semester:VII
Subject: AI &ML

Section: A,B,C

Subject-code:18CS71

Name of the Faculty: POOJA M

|    | me of the Faculty: POOJA M   | Marks |
|----|--|-------|
| No | Scheme & Solutions  Define Artificial Intelligence. List few task domains of AI with example.  Artificial intelligence is the study of how make computers to do things which people do better at the moment. It refers to the intelligence controlled by a computer machine.  of the tasks that are the targets of work in AI:  • Mundane Task s(Explanation)  • Formal tasks(Explanation)  • Expert tasks(Explanation)  • Perception(Explanation)  • NLP(Explanation)  • Mathematics(Explanation)  • Engineering(Explanation)   | 10M   |
|    | Explain the key dimensions of problem in AI with suitable example Artificial Intelligence problems span a very broad spectrum. They appear to have very little in common except that they are hard. There are techniques that are appropriate for the solution of a variety of these problems. The results of AI research tells that Intelligence requires Knowledge. Knowledge possesses some less desirable properties including: It is voluminous— It is hard to characterize accurately— It is constantly changing— It differs from data by being organized in a way that corresponds to the ways it will— be used. AI technique is a method that exploits knowledge that should be represented in such a way that:  • The knowledge captures generalizations. In other words, it is not necessary to represent each individual situation. Instead situations that share important properties are grouped together.  • It can be understood by people who must provide it. Most of the knowledge a program has must ultimately be provided by people in terms they understand.  • It can be easily be modified to correct errors and to reflect changes in the world and in our world view.  • It can be used in a great many situations even if it is not totally accurate or complete.  • It can be used to help overcome its own sheer bulk by helping to narrow the range of possibilities that must usually be considered. It is possible to solve AI problems without using AI techniques. It is possible to apply AI techniques to solutions of non-AI problems  There are some of the problems contained within AI.  1. Game Playing and theorem proving share the property that people who do them well are considered to be displaying intelligence.  2. Another important foray into AI is focused on Commonsense Reasoning. It includes reasoning about physical objects and their relationships to each other, as well as reasoning about actions and other consequences.  3. To investigate this sort of reasoning Now ell Shaw and Simon built the General Problem Solve. |       |

(GPS) which they applied to several common sense tasks as well as the problem of performing symbolic manipulations of logical expressions. But no attempt was made to create a program with a large amount of knowledge about a particular problem domain.

Explain the following with example

- i) Breadth first Search algorithm
- ii) Depth First Search algorithm

Breadth First Search To solve the water jug problem systemically construct a tree with limited states as its root. Generate all the offspring and their successors from the root according to the rules until some rule produces a goal state. This process is called Breadth-First Search.

Algorithm: 1) Create a variable called NODE\_LIST and set it to the initial state.

- 2) Until a goal state is found or NODE\_LIST is empty do:
- a. Remove the first element from NODE\_LIST and call it E. If NODE\_LIST was empty quit.
- b. For each way that each rule can match the state described in E do:
- i. Apply the rule to generate a new state
- ii. If the new state is goal state, quit and return this state iii. Otherwise add the new state to the end of NODE\_LIST

Depth First Search

3

There is another way of dealing the Water Jug Problem. One should construct a single branched tree utility yields a solution or until a decision terminate when the path is reaching a dead end to the previous state. If the branch is larger than the pre-specified unit then backtracking occurs to the previous state so as to create another path. This is called Chronological Backtracking because the order in which steps are undone depends only on the temporal sequence in which the steps were originally made. This procedure is called Depth-First Search.

Algorithm:

- 1) If the initial state is the goal state, quit return success.
- 2) Otherwise, do the following until success or failure is signaled
  - a. Generate a successor E of the initial state, if there are no more successors, signal
  - b. failure
  - c. Call Depth-First Search with E as the initial state
- c. If success is returned, signal success. Otherwise continue in this loop.

  The data structure used in this algorithm is STACK. Explanation of Algorithm:
- Initially put the (0,0) state in the stack.
- Apply production rules and generate the n
- If the new states are not a goal state, (not g then only add the state to top of the Stack.
- If already generated state is encountered the POP the top of stack elements and search in another direction.

Define Heuristic and Heuristic function. List the major problems in Hill climbing search and how to over come these

Heuristic: HEURISTIC SEARCH – It is a "rule of thumb" used to help guide search – It is a technique that improves the efficiency of search process, possibly by sacrificing claims of completeness. – It is involving or serving as an aid to learning, discovery, or problem-solving by

experimental and especially trial-and-error methods. Heuristic Function: - It is a function applied to a state in a search space to indicate a likelihood of success if that state is selected - It is a function that maps from problem state descriptions to measures of desirability usually represented by numbers - Heuristic function is problem specific. The purpose of heuristic function is to guide the search process in the most profitable direction by suggesting which path to follow first when more than one is available (best promising way). We can find the TSM problem in less exponential items. On the average Heuristic improve the quality of the paths that are explored. Following procedure is to solve TRS problem - Select a Arbitrary City as a starting city - To select the next city, look at all cities not yet visited, and select one closest to the current city -Repeat steps until all cities have been visited Heuristic search methods which are the general purpose control strategies for controlling search is often known as "weak methods" because of their generality and because they do not apply a great deal of knowledge.

What is A\* search? Explain the algorithm steps for A\*search

A\* algorithm is a best first graph search algorithm that finds a least cost path from a given initial node to one goal node. The simplification of Best First Search is called A\* algorithm. This algorithm uses, functions as well as the lists OPEN and CLOSED. For many applications, it is convenient to define function as the sum of two components that we call g and h'. • g : • h' : Algorithm: - Measures of the cost of getting from the initial state to the current node. - It is not the estimate; it is known to be exact sum of the costs. - is an estimate of the additional cost of getting from current node to goal state. 1) Start with OPEN containing only the initial state (node) set that node g value 0 its ' value to whatever it is and its ' value '+ 0 or '. Set CLOSED to the emptylist. 2) Until a goal node is found repeat the following procedure: If there are no nodes on OPEN, report failure. Otherwise pick the node on OPEN with lowest 'value. CALL it BESTNODE. Remove from OPEN. Place it on CLOSED. If BESTNODE is the goal node, exit and report a solution. Otherwise, generate the successors of BESTNODE. For each successor, do the following a) Set successors to point back to BESTNODE this backwards links will make possible to recover the path once a solution is found. b) Compute c) If successor is already exist in OPEN call that node as OLD and we must decide whether OLD's parent link should reset to point to BESTNODE (graphs exist in this case) If OLD is cheaper then we need do nothing. If successor is cheaper then reset OLD's parent link to point to BESTNODE. Record the new cheaper path in ( ) and update '( ). d) If SUCCESSOR was not on OPEN, see if it is on CLOSED. If so, call node on CLOSED OLD and add OLD to the list of BESTNODE successors. Calculate all the g, f' and h' values for successors of that node which is better then move that. So to propagate the new cost downward do a depth first traversal of the tree starting at OLD, changing each nodes value (and thus also its 'value), terminating each branch when you reach either a node with no successor or a node which an equivalent or better path has already been found. e) If successor was not already on either OPEN or CLOSED,

Write a note on the following

- **Problem Characteristics**
- Problem Classification ii)
  - Production system Characteristics
- iii) Issues in design of search program

In order to choose the most appropriate method (or a combination of methods) for a particular problem, it is necessary to analyze the problem along several key dimensions: • Is the problem decomposable? • Can solution steps be ignored or undone? • Is the universe predictable? • Is a good solution absolute or relative? • Is the solution a state or a path

Problem Classification When actual problems are examined from the point of view all of these questions it becomes apparent that there are several broad classes into which the problem fall. The classes can be each associated with a generic control strategy that is approached for solving the

5

problem. There is a variety of problem-solving methods, but there is no one single way of solving all problems. Not all new problems should be considered as totally new. Solutions of similar problems can be exploited

A water Jug problem: You are given two jugs, a 4 gallon one and a 3 gallon one. Neither has any measuring markers on it. There is a pump that can be used to fill jugs with water. How can u get exactly 2 gallons of water into the 4 gallons jug?

Problem is "You are given two jugs, a 4-litre one and a 3-litre one. One neither has any measuring markers on it. There is a pump that can be used to fill the jugs with water. How can you get exactly 2 litres of water into 4-litre jug?" Solution: The state space for the problem can be described as a set of states, where each state represents the number of gallons in each state. The game start with the initial state described as a set of ordered pairs of integers: • State: (x, y) - x = number of its in 4 its jug -y = number of its in 3 its jug x = 0, 1, 2, 3, or 4y = 0, 1, 2, 3 • Start state: (0, 0) i.e., 4-litre and 3-litre jugs is empty initially. • Goal state: (2, n) for any n that is 4-litre jug has 2 litres of water and 3-litre jug has any value from 0-3 since it is not specified. • Attempting to end up in a goal state.

| 1 (x, y)                     | → (4, y)   | Fill the 4-gallon jug      |
|------------------------------|--|----------------------------|
| if x < 4                     |  |                            |
| 2 (x, y)                     | $\rightarrow$ $(x,3)$  | Fill the 3-gallon jug      |
| ify<3                        |  |                            |
| 3 (x, y)                     | $\rightarrow (x-d,y)$  | Pour some water out of     |
| if x > 0                     |  | the 4-gallon jug           |
| 4 (x, y)                     | $\rightarrow (x, y-d)$   | Pour some water out of     |
| ify>0                        |  | the 3-gallon jug           |
| 5 (x, y)                     | $\rightarrow (0, y)$   | Empty the 4-gallon jug     |
| if z>0                       |  | on the ground              |
|                              | $\rightarrow (x,0)$  | Empty the 3-gallon jug     |
| 6 (x, y)                     | 7 (4.0)  | on the ground              |
| ify>0                        | - 74 - 74 - W  | Pour water from the        |
| 7 (25)                       | $\rightarrow (4, y - (4 - x))$   | 3-gallon jug into the      |
| if $x + y \ge 4$ and $y > 0$ |  | 4-gallon jug until the     |
|                              |  | 4-gailon jug until inc     |
| Latter to the Co.            | THE THE PERSON LAND  | 4-gallon jug is full       |
| 8 (x, y)                     | $\rightarrow (x-(3-y),3)$  | Pour water from the        |
| if x + y ≥ 3 and x > 0       |  | 4-gallon jug into the      |
| 774                          | CAMPAGE OF THE STATE OF  | 3-gallon jug until the     |
|                              |  | 3-gallon jug is full       |
| 9 (x y)                      | $\rightarrow$ $(x+y,0)$  | Pour all the water         |
| if x+y 54 and y>0            |  | from the 3-gallon jug      |
| 11x+y54amdy>0                |  | into the 4-gallon jug      |
| 100                          | $\rightarrow (0,x+y)$  | Pour all the water         |
| O (E y)                      |  | from the 4-gallon jug      |
| if x+y ≤ 3 and x>0           | A Long to the state of   | into the 3-gallon jug      |
|                              |  | Pour the 2 gallons         |
| 1 (0, 2)                     | → (2,0)  | from the 3-gallon Jug      |
|                              | to the the state specified   | into the 4-gallon Jug      |
|                              |  | anto the 3-sellens in      |
| 2 (2.7)                      | $\rightarrow (0, y)$   | Empty the 2 gallons in     |
|                              | the second second  | the 4-gallon jug on        |
|                              |  | the ground                 |
| Walter Bridge Co.            | The state of the s | The thirty Robert American |

#### Explain the following

- i) Constraint satisfaction
- Search procedure operates in a space of constraint sets. Initial state contains the original constraints given in the problem description.

• A goal state is any state that has been constrained enough - Cryptarithmetic: "enough" means

that each letter has been assigned a unique numeric value.

• Constraint satisfaction is a 2-step process: o Constraints are discovered and propagated as far as possible. o If there is still not a solution, then search begins. A guess about is made and added as a new constraint.

• To apply the constraint satisfaction in a particular problem domain requires the use of 2 kinds of rules: o Rules that define valid constraint propagation o Rules that suggest guesses when

8

necessary

AO\* Algorithm: AO\* Algorithm is a generalized algorithm, which will always find minimum cost solution. It is used for solving cyclic AND-OR graphs The AO\* will use a single structure GRAPH representing the part of the search graph that has been explicitly generated so far. Each node in the graph will point both down to its immediate successors and up to immediate predecessors. The top down traversing of the best-known path which guarantees that only nodes that are on the best path will ever be considered for expansion. So h' will serve as the estimate of goodness of a node. Algorithm (1):

- 1) Initialize: Set  $G^* = \{s\}$ , f(s) = h(s). If, label s as SOLVED, where T is terminal node.
- 2) Terminate: If s is SOLVED then Terminate
- 3) Select: Select a non-terminal leaf node n from the marked sub tree
- 4) Expand: Make explicit the successors of n. For each new successor, m: Set f(m) = h(m) If m is Terminal, label m as SOLVED
- . 5) Cost Revision: Call cost-revise(n) 6) Loop: Goto Step 2

Explain or give the problem solving strategy for the following AI problems

- Tic -Tac-Toe game or Question Answering i)
- Missionaries and cannibals or 8- Puzzle game ii)

Tic -Tac-Toe game

9

Missionaries and cannibals

missionaries and 3 cannibals find themselves one side of the river. They have agreed that they would like to get the other side. But the missionaries are not sure what else the cannibals have agreed to. So the missionaries want to manage the trip across the river on either side of the river is never less than the number of cannibals who are on the same side. The only boat available holds only two people at a time. How can everyone get across without missionaries risking hang eager? Solution: The state space for the problem contains a set of states which represent the present number of cannibals and missionaries on the either side of the bank of the river. (C,M,C1,M1,B) -C and M are number of cannibals and missionaries on the starting bank - C1 and M1 are number of cannibals and missionaries on the destination bank - B is the position of the boat wither left bank (L) or right bank (R) C=3,M=3,B=L so (3,3,0,0,L)◊Initial State C1=3, M1=3, B=R so (0,0,3,3,R)OGoal State Production System: These are the operations used to move from one state to other state. Since at any bank the number of cannibals must less than or equal to missionaries we can write two production rules for this problem as follows: (C-2,M,C1+2,M1,R)0. (C,M,C1,M1,L / C=3, M=3) (C-1,M-1,C1+1,M1+1,R) (C,M,C1,M1,L / C=3, M=3) (C-1,M-1,C1+1,M1+1,R)1,M,C1+1,M1,R)0 (C,M,C1,M1,L / C=3, M=3) (C+1,M,C1-1,M1,L)0 (C,M,C1,M1,R / C=1, M=3) (C+1,M,C1-1,M1,L) (C,M,C1,M1,R/C=0,M=3,C1=3,M1=0)

The Problem is 8-Puzzle is a square tray in which 8 square tiles are placed. The remaining 9 th square is uncovered. Each tile has a number on it. A file that is adjacent to the blank space can be slide into that space. The goal is to transform the starting position into the goal position by sliding the tiles around. Solution: State Space: The state space for the problem can be written as a set of states where each state is position of the tiles on the tray. Initial State: Square tray having 3x3 cells

In attempting to solve the 8 puzzle, we might make a stupid move for example; we slide the tile 5 into an empty space. We actually want to slide the tile 6 into empty space but we can back track 10

and undo the first move, sliding tile 5 back to where it was then we can know tile 6 so mistake and still recovered from but not quit as easy as in the theorem moving problem. An additional step must be performed to undo each incorrect step. Now consider the problem of playing chess. Suppose a chess playing problem makes a stupid move and realize a couple of moves later. But here solutions steps cannot be undone. The above three problems illustrate difference between three important classes of problems: 1) Ignorable: in which solution steps can be ignored. Example: Theorem Proving 2) Recoverable: in which solution steps can be undone. Example: 8-Puzzle 3) Irrecoverable: in which solution steps cannot be undone. Example: Chess

What are facts and explain how these facts are represented? Explain different approaches to knowledge representation

Knowledge Level, at which facts are described. • Symbol Level, at which representations of objects at the knowledge level are defined in terms of symbols that can be manipulated by programs. Mappings between Facts and Representations: The model in the above figure focuses on facts, representations and on the 2-way mappings that must exist between them. These links are called Representation Mappings. - Forward Representation mappings maps from Facts to Representations. - Backward Representation mappings maps from Representations to Facts. English or natural language is an obvious way of representing and handling facts. Regardless of representation for facts, we use in program, we need to be concerned with EnglishRepresentation of those facts in order to facilitate getting information into or out of the system. Mapping functions from English Sentences to Representations: Mathematical logic as representational formalism. Example: "Spot is a dog" The fact represented by that English sentence can also be represented in logic as: dog(Spot) Suppose that we also have a logical representation of the fact that Then, using the deductive mechanisms of logic, we may generate the new representation object: astail(Spot) Using an appropriate backward mapping function the English sentence "Spot has a tail" can be generated. Let us consider to what applications and how knowledge may be used. Learning: acquiring knowledge. This is more than simply adding new facts to a knowledge $\theta$  base. New data may have to be classified prior to storage for easy retrieval, etc.. Interaction and inference with existing facts to avoid redundancy and replication in the knowledge and also so that facts can be updated. Retrieval: The representation scheme used can have a critical effect on the efficiency of the  $\theta$  method. Humans are very good at it. Many Al methods have tried to model human. Reasoning: Infer facts from existing data.0 If a system on only knows: • Miles Davis is a Jazz Musician. • All Jazz Musicians can play their instruments well. If things like Is Miles Davis a Jazz Musician? or Can Jazz Musicians play their instruments well? are asked then the answer is readily obtained from the data structures and procedures. However a question like "Can Miles Davis play his instrument well?" requires reasoning. The above are all related. For example, it is fairly obvious that learning and reasoning involve retrieval etc.

Relational knowledge Inheritable knowledge Inferential knowledge

| SET-A |  |
|-------|--|
|       |  |

## RajaRajeswari College of Engineering

### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

### INTERNAL ASSESSMENT-I

Subject: USER INTERFACE DESIGN

Subject Code: 18CS734

based systems.

Describe

designing for people.

Graphical systems.

Graphical systems?

in

6

7

8

9

10

Class: 7th /A, B, C

Max. Marks: 50

Timing: 90 Mins

Date: 13/11/2021

10M

10M

10M

human

CO<sub>2</sub>

CO<sub>1</sub>

.2

CO1

1,2,3,4

1.2.3.4

1,2,3,4

| S.N<br>O | Questions   | Marks | СО    | PO      |
|----------|---|-------|-------|---------|
| 1        | Explain in details the characteristics of GUI.  (OR)                    | 10M   | CO1   | 1,2,3,4 |
| 2        | Discuss the General principles of User Interface design.                | TOM   |       | 1,2,0,1 |
| 3        | Write and explain the differences between GUI and Webpage design.       | 727   | * X2. |         |
| 4        | (OR) Explain the importance and benefits of good User interface Design. | 10M   | CO1   | 1,2,3,4 |
| 5        | Explain the common usability problems in web-                           | 34    | 4     |         |

(OR)
List and explain the five commandments in

(OR)

Explain the concept of Direct manipulation for

(OR)

Explain the advantages and dis advantages of

Explain in detail Human considerations in design.

the

detail.

characteristics in User Interface design.

NOTE: Answer ALL questions by choosing one full question from each choice.

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| SET-B |  |  |  |  |   |

# RajaRajeswari College of Engineering

# DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING FIRST INTERNALS

Subject: USER INTERFACE DESIGN

Subject Code: 18CS734 Class: 7<sup>th</sup> /A, B, C Max. Marks: 30 Timing: 90 Mins Date: 12/11/2021

NOTE: Answer Any Full Five questions out of ten questions.

| SI | no QUESTIONS   | <i>ARKS</i> | CO'S | PO'S         |
|----|--|-------------|------|--------------|
| 1  | Explain in details the design features of HCI.   |             |      |              |
|    | OR   | 10M         | CO1  | PO1,2        |
|    | Explain Printed pages vs Web pages.  | 10M         | CO2  | PO1,2        |
| 3  | Explain in detail Mandatory vs Discretionary Use.  OR  | 10M         | CO1  | PO1,2        |
| 4  | Discuss the characteristics of Intranet and Internet and bring out the differences between them.             | 10M         | CO2  | PO1,2        |
| 5  | Explain in detail Human Interaction speeds.  | 10M         | CO2  | PO1,2,3,4,9  |
| 6  | OR  Explain the techniques for determining the user requirements using Indirect methods.                     | 10M         | CO2  | PO1,2,3,4,5  |
| 7  | Explain in detail, the guidelines for formatting display screens   | 10M         | CO1  | PO1,2,3,4,9, |
| 8  | OR  Explain the concept of indirect manipulation for Graphical systems.                                      | 10M         | CO2  | PO1,2,3,4,5, |
|    | Explain the Guidelines for designing printing web pages  OR  Explain the Features of HumanGraphical systems? | 10M         | CO1  | PO1,2,3,4,5, |
| 10 | Explain the reacties of Trumanoraphical Systems.   | 10M         | CO2  | PO1,2,3,4,5, |

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# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING SCHEME AND SOLUTIONS

First Internal Assessment Test

Subject Subject Code Semester

: USER INTERFACE DESIGN

: 18CS734

| - 3 |                 |    |   |    |
|-----|-----------------|----|---|----|
| :   | 7 <sup>th</sup> | A, | B | &0 |

| Q.   | No    | SCHEME AND SOLUTIONS   | BAADY       |
|------|-------|--|-------------|
|      | 1)    | Characteristics of the Graphical User Interface  | MARK<br>10  |
|      |       |  | 10          |
|      |       | Sophisticated Visual Presentation  |             |
|      |       | Pick-and-Click Interaction   |             |
|      |       | Restricted Set of Interface Options  |             |
|      |       | > Visualization  | Van die     |
|      |       | Diject Orientation   |             |
|      |       | ▶ Use of Recognition Memory  | S. C. Carlo |
|      | -0    | Concurrent Performance of Function   |             |
|      | 2)    | The General principles of Good User Interface design are: (Explain Any 7)  | 10          |
|      |       | Acstrictically Pleasing  | 10          |
|      |       | > Clarity  |             |
|      |       | Compatibility  |             |
|      |       | Comprehensibility  |             |
|      |       | ➤ Configurability  | 19 15       |
|      |       | > Consistency  |             |
| 10   |       | > Control  |             |
| - 13 |       | > Directness   | 100         |
|      |       | ➤ Efficiency   |             |
| - 2  |       | > Familiarity  | J. S. S. S. |
|      |       | > Flexibility  | 1.145       |
|      |       | > Forgiveness  |             |
|      |       | > Predictability   |             |
|      |       | > Recovery   |             |
|      |       | > Responsiveness   |             |
|      | 100   | ➤ Simplicity   |             |
|      | 45-1  | > Transparency   | 7 7 2 5 7 7 |
|      |       | ➤ Trade-Offs   |             |
|      | 3     | Difference between GUI and Web Interface Design:   | 100,000,000 |
| 3    |       | 1.Devices:   | 10          |
|      |       | In GuI design, the characteristics of the interface devices such as monitors and modem   |             |
|      | 400   | are well defined and selectis appear excally as specified  | 42.04       |
| 3    | 15.5  | In Web design, the user devices may range from handhald machanism to the state of t |             |
| Ğ.   |       | work stations, it will be generated by both the hardware and the software.   |             |
| 10.  |       | so gotherated by both the hardware and the software.   |             |
|      |       | 2.User Focus:  |             |
|      | dia v | GUI systems are normally well defined applications and the data about transactions   |             |
|      |       | and processes.   | 1. 146.     |
|      |       | Web is all about information and navigation.   |             |
| 7    |       | 3.Data and Information:  |             |
| 2    |       | In GUI system the data is created and used by known and trusted sources.   |             |

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The web is full of unknown content and web content is highly variable in organizations.

In GUI ystems, the user can install, configure, personalize, start use and upgrade the programs and people become familiar with many of its feature. Web Users do linking to sites, browsing or reading the pages, filling out forms, register for services participating in transactions, downloading and saving the pages, etc.,

5. User's Conceptual Space:

In GUI, the user's conceptual space is controlled by the program and application. In Web, the user's space is infinite and generally unorganized.

6. Navigation:

The GUI, the users navigate through structured menus, lists, trees, dialogs and wizards. The Web users navigate through links, bookmarks and typed URLS.

7. Context:

GUI systems enable the users to maintain a better sense of context and the restricted navigation paths.

Web Pages are single entities with almost unlimited navigation paths.

8. Response Time:

GUI response time is nearly instantaneous.

In Web it depends on the transmission speeds, page content and so on.

9. System Capability:

GUI system capabilities are only limited to the capability of hardware and the sophistication of software.

Web is more constrained, being limited by constraints imposed by hardware, software and the browser.

10. Task Efficiency:

GUI system are targeted to a specific audience performing specific task, efficiency of performing task is only limited.

Web systems tasks limited by the browser and the network. Websites are intended for everyone.

11.Security:

In GUI environment, security and data access can be tightly controlled in proportion to the willingness to invest resources and effort.

Web is renowned for security exposures, browser-provided security options have not been well understood by the average web users.

12.Integration:

In GUI, the user assistance is an integral part of the most GUI applications, this assistance is accessed through the standard mechanism and help menus. In Web, it cannot provide with the help system.

Importance of Good Design

> A well-designed interface and screen is terribly important to our users. It is their window to view the capabilities of the system and it is also the vehicle through which complex tasks can be performed.

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> A screen's layout and appearance affect a person in a variety of ways. If they are confusing and inefficient, people will have greater difficulty in doing their jobs and will make more mistakes.

|         | 8         | Direct manipulation for Graphical systems.  The term used to describe this style of inte   | raction for graphical systems was first used   | 10.      |
|---------|-----------|--|--|----------|
|         |           | by Shneiderman (1982). He called them —  |  | 1        |
|         |           | that they possess the following characteris  |  |          |
|         |           | • The system is portrayed as an extension  |  |          |
|         | !         | work in a familiar environment and in a fa   |  |          |
|         |           | application and tools. The physical organiz  |  |          |
|         |           | unfamiliar, is hidden from view and is not   |  |          |
|         |           | • Continuous visibility of objects and action  |  |          |
|         |           | Reminders of actions to be performed are a   |  |          |
|         |           |  |  |          |
|         |           | concept as —virtual reality, a representation  | WYSTWYCL (salest seemanipulated.   |          |
|         | l         | Hatfield (1981) is credited with calling it -  |  |          |
|         |           | get) and Rutkowski (1982) described it as  |  |          |
|         |           | Actions are rapid and incremental with v   |  |          |
|         |           |  | on the screen in their new and current form.   |          |
|         |           | Auditory feedback may also be provided. T  |  |          |
|         |           | seen, and the evolution of tasks is continuo   | No. 1525   |          |
|         |           | Incremental actions are easily reversible:   | The state of the s | •        |
|         |           | incorrect or not desired, can be easily undo   | ne.  |          |
|         | 9         | Human considerations in design.  The kinds of user/task characteristics that n  Knowledge/experience  Job/task/need  Psychological characteristics  Physical characteristics | nust be established are  | 10       |
|         | 10        | Graphical system advantages: (Explain  | ➤ Low typing requirements  | 10       |
|         | 10        | any 10)  | Graphical system disadvantages:  |          |
|         |           | , 15)  | (Explain any 9)  |          |
|         |           | Symbols recognized faster than   | > Greater design complexity  |          |
|         |           | text   | > Learning still necessary   |          |
|         |           | > Faster learning  | > Lack of experimentally-derived   |          |
|         |           | > Faster use and problem solving   | design guidelines  > Inconsistencies in technique and  |          |
|         |           | <ul><li>Easier remembering</li><li>More natural</li></ul>  | terminology  | 14.6     |
|         |           | > Fewer errors   | > Not always familiar  | 6        |
|         |           | > Increased feeling of control   | ➤ Window manipulation  |          |
|         |           | > Immediate feedback   | requirements   |          |
|         |           | Predictable system responses   | > Production limitations   |          |
|         |           | Easily reversible actions  | > Few tested icons exist   |          |
|         |           | More attractive  | <ul> <li>Inefficient for touch typists</li> <li>Not always the preferred style of</li> </ul>   | The said |
| = =     |           | <ul> <li>May consume less space</li> <li>Replaces national languages</li> </ul>  | interaction  |          |
|         |           | Easily augmented with text   | > Not always fastest style of  |          |
|         |           | displays   | interaction  |          |
| Rift I  |           |  | > May consume more screen space  |          |
| A-010.0 | THE PARTY |  | Hardware limitations   |          |

Subject Co-coordinator

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### RajaRajeswari College of Engineering

### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING FIRST INTERNALS

Subject: Energy and Environment

Subject Code: 18ME751

Semester/Section: 7th Sem OPEN ELECTIVE B

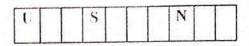
Max. Marks: 50 Timing: 90 Mins

Date: 13/11/2021

NOTE: Answer ALL questions by choosing one full question from each choice.

| SI. | Questions   | Marks | CO's  | PO's    |
|-----|---|-------|-------|---------|
| No. |   |       | CO 3  | 103     |
| 1   | Interpret World energy scenario with respect to production and consumption using relevant statistics. | 10M   | CO1,2 | PO1,2,3 |
| 2   | (OR) Explain the various key energy trends in India.  | 10M   | CO1,2 | PO1,2,3 |
| 3   | With relevant statistics, enumerate the primary energy production trend for our country India.        | 10M   | CO1,2 | PO1,2,3 |
| 4   | Outline the factor Energy and demographics that affect India's energy development.                    | 10M   | CO1,2 | PO1,2,3 |
| 5   | Differentiate between Energy and Power. Classify numerous existing energy sources.                    | 10M   | CO1,2 | PO1,2,3 |
| 6   | (OR) Compare sector wise energy demand by fuel in selected end-use sectors in India.                  | 10M   | CO1,2 | PO1,2,3 |
| 7   | Outline the factor Policy and institutional framework that affect India's energy development.         | 10M   | CO1,2 | PO1,2,3 |
| 8   | (OR) Explain how investment factor affecting India's energy development.                              | 10M   | CO1,2 | PO1,2,3 |
| 9   | Outline the factor Energy prices and affordability that affect India's energy development.            | 10M   | CO1,2 | PO1,2,3 |
| 10  | (OR) Outline the factor Social and environmental aspects that affect India's energy development.      | 10M   | ÇO1,2 | PO1,2,3 |

#### SET-B



### RajaRajeswari College of Engineering

# DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING FIRST INTERNALS

Subject: Energy and Environment

Subject Code: 18ME751

Semester/Section: 7th Sem OPEN ELECTIVE B

Max. Marks: 50

Timing: 90 Mins Date: \(\frac{13}{11}\)/2021

NOTE: Answer ALL questions by choosing one full question from each choice.

| SI.<br>No. | Questions  | Marks | CO's  | PO's    |
|------------|--|-------|-------|---------|
| 1          | Differentiate between Energy and Power. Classify numerous existing energy sources.                         | 10M   | CO1,2 | PO1,2,3 |
| 2          | OR) Outline the factor Energy prices and affordability that affect India's energy development.             | 10M   | CO1,2 | PO1,2,3 |
| 3          | Outline the factor Social and environmental aspects that affect India's energy development.                | 10M   | CO1,2 | PO1,2,3 |
| 4          | (OR) Outline the factor Energy and demographics that affect India's energy development.                    | 10M   | CO1,2 | PO1,2,3 |
| 5          | Explain the various key energy trends in India.  | 10M   | CO1,2 | PO1,2,3 |
| 6          | (OR) Interpret World energy scenario with respect to production and consumption using relevant statistics. | 10M   | CO1,2 | PO1,2,3 |
| 7          | With relevant statistics, enumerate the primary energy production trend for our country India.             | 10M   | CO1,2 | PO1,2,3 |
| 8          | (OR) Compare sector wise energy demand by fuel in selected end-use   | 10M   | CO1,2 | PO1,2,3 |
| 9          | sectors in India.  Explain how investment factor affecting India's energy development.                     | 10M   | CO1,2 | PO1,2,3 |
| 10         | OR) Outline the factor Policy and institutional framework that affect India's energy development.          | 10M   | CO1,2 | PO1,2,3 |

\*\*ALL THE REST\*\*\*\*\*\*\*\*\*

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## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING Scheme & Solutions

#### First Internal Assessment Test

Semester: 7th Sem OPEN ELECTIVE B

Section: 7th Sem OPEN ELECTIVE B

Subject-code: 18ME751

Subject: Energy and Environment
Name of the Faculty: Dr.Satheesha V

| Q.No | Scheme & Solutions  | Marks |
|------|---|-------|
| 1.   | <ul> <li>Interest in energy everywhere throughout the world is expanding Progressively</li> <li>Significant development in energy is anticipated in developing nations.</li> <li>Coal, Oil and gas are the three noteworthy essential primary sources of energy</li> <li>World coal reserves are probably to last over 200 year</li> <li>each oil &amp; gas reserves probably to last 45-65 years</li> </ul>  | 10    |
| 2.   | <ul> <li>Demand</li> <li>↓ Electricity</li> <li>↓ Access to modern energy</li> <li>↓ Energy production and trade</li> </ul>   | 10    |
| 3.   | <ul> <li>India has the third-largest hard coal reserves in the world (roughly 12% of the world total), as well as significant deposits of lignite ( Low quality coal also known Brown coal with low heat content).</li> <li>Yet the deposits are generally of low quality and India faces major obstacles to the development of its coal resources.</li> <li>In 2013, India produced almost 340 million tonnes Of coal equivalent (Mtce), but it also imported some 140 Mtce.</li> <li>Around 7% of national production comes from captive mining, i.e. large coalconsuming companies that mine for their own use ( Similar to Co gen Power plant).</li> <li>At present, more than 90 % of coal in India is produced by open cast ( Open pit mining) .</li> </ul>   | 10    |
| 4.   | <ul> <li>ENERGY AND DEMOGRAPHICS</li> <li>India's economy has grown at an average rate of 6.5% a year, second only to China among the large emerging economies, and two-and-a-half-times the global average.</li> <li>India alone has accounted for over 9% of the increase in global economic output since 1990.</li> <li>Services sector has been the major driver of growth in India's economy, accounting for around 60% of the increase in GDP between 1990 and 2013.</li> <li>The services sector employs only around one-quarter of the labour force.</li> <li>The agricultural sector, with less than 20% of GDP (compared with just over 35% in 1990), continues to account for around half of total employment as shown below.</li> <li>The government has expressed its intention to re-balance the</li> </ul> | 10    |

| 6            |  |          |
|--------------|--|----------|
|              | economy and announced the "Make in India" initiative, with an intention of increasing the share of manufacturing in GDP to 25% by 2022 and creating 100 million jobs in the process. |          |
| 5.           | ENERGY   |          |
|              | expressed essentially, energy is the capacity to do work in various forms  |          |
|              | Energy is what makes it attainable to push things around. The 'thing' can be a   | 10       |
|              | automobile moving, A cup of hot coffee, child swinging on a swing.   | 10       |
|              | In the event that we know the quality of the power we require so as to move an   |          |
|              | object   |          |
|              | The extent we will move it, we can compute the measure of energy we require  |          |
|              | POWER  |          |
|              | Energy measures the total quantity of work done, its doesn't say how fast you  |          |
|              | can get the work done.  Power is defined as the rate of producing or consuming energy.   |          |
|              | Fower is defined as the rate of producing of consuming energy.   |          |
| 6.           | ♣ Global coal consumption fell by 1.8% when compared to historical data  | 10       |
|              | ☐ Global oil consumption grew by 1.9 % when compared to historical data  |          |
|              |  |          |
|              |  |          |
| 7.           | POLICY AND INSTITUTIONAL FRAMEWORK   |          |
|              |  | in w     |
|              | with which they are implemented, will naturally play a critical role in India's  | 14 E 1 1 |
|              | energy outlook and has few policies listed such as Integrated Energy Policy 2008,  |          |
|              | National Action Plan on Climate Change, Planning Commission (now the   |          |
|              | National action plan on climate change, planning commission(now the national   | 10       |
| Land Control | institution for transforming India,[NITI Aayogl ])   | 13.      |
|              | Some key aspects of the emerging energy vision are   |          |
|              | increase the target for renewable to 175 GW by 2022  |          |
|              | A commitment to the efficient use of all types of energy in order to meet rapidly  |          |
|              | growing demand  A sharpened focus on achieving universal access to modern energy, including the  |          |
|              | objective of supplying round-the-clock electricity Co all of India's population  | A S      |
| - 1          | Reorientation of energy subsidy programmes   | H. 1. 1  |
|              | * Reconciliation of energy subsidy programmes  |          |
| 8.           | INVESTMENT   |          |
|              | 4 Since 2000, investment in energy supply in India has increased substantially,  | 10       |
|              | reaching almost \$77 billion on average since 2010 with power sector absorbing the   |          |
|              | largest share.   |          |
|              | India's government aims to increase investment in infrastructure to 8.2% of GDP  | 100      |
|              | from roughly 7.2% in 2007-2011.  |          |
|              | 2014 saw a significant increase in FDI inflows, which rose by 22% compared to the previous year.   | 1, 3     |
|              |  |          |
| 9.           | ENERGY PRICES AND AFFORDABILITY  |          |
|              | The relationship between income levels, energy prices and energy expenditure is  | 10       |
| 12           | fundamental to the evolution of India's energy system.   |          |
|              | Energy consumption increases with income. Level of consumption and the fuel  | 0,4      |
|              | choice are also affected by location.  Household expenditure on energy is an average almost two and  |          |
|              | Household expenditure on energy is, on average, almost two-and.  a-half-times higher in urban centres than in rural areas.   |          |
| 10           | India has made significant moves towards market-based pricing for energy in  |          |
| 1            | recent years,  |          |

|     | Gasoline (in 2010) and diesel (2014) prices have both been deregulated.  Subsidies to oil product consumption remain.  Ex: LPG: the government is committed to make them more efficient through the use of "AADHAAR"  |    |
|-----|---|----|
| 10. | SOCIAL AND ENVIRONMENTAL ASPECTS India is burning more fossil fuels and biomass than it has at any other time in the past, releasing more pollutants, including fine particulate matter and sulphur and nitrogen oxides, into the ain Deteriorating air quality in growing urban centres is becoming an alarming issue for India.  Estimated that life expectancy, as a result, is reduced by 3.2 years for each person living in these areas | 10 |

Sathon Row. Faculty incharge

HoD-ME