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Date: 07.10.2015

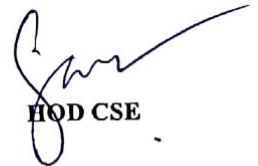
CIRCULAR

Technical Training for II B. Tech students are starting from 12th Oct, 2015 onwards. All HODs and Placements coordinators have to manage the trainings and ensure 95% attendance all through the sessions.

All Mentors need to send the compiled feedback report to Dr.S. SenthilKumar, HOD at hodcse.gnit@gniindia.org daily. Mentors are advised to take care of PNR (Students not participating in training).

Agenda:

Introduction to C++ Programming


HOD CSE



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SYLLABUS FOR C++ PROGRAMMING

| SNO. | TOPIC COVERED | DURATION(in hours) |
|------|----------------------------------|--------------------|
| 1 | C++ Introduction | 3 |
| 2 | Functions and Variables | 3 |
| 3 | Classes in C++ | 3 |
| 4 | Operator Overloading | 3 |
| 5 | Initialization and Assignment | 3 |
| 6 | Storage Management | 3 |
| 7 | Inheritance | 3 |
| 8 | Exceptions | 3 |
| 9 | Input and Output in C++ Programs | 3 |
| 10 | Templates | 3 |


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GURU NANAK INSTITUTE OF TECHNOLOGY DEPARTMENT OF CSE 2014-18 BATCH C++ PROGRAMMING MARKSDETAILS

| 20 | H. T. No. | NAME OF THE STUDENT | MARKS | REMARKS |
|----|------------|--------------------------------|-------|---------|
| 1 | 14831A0501 | A.LAASYA | 15 | P |
| 2 | 14831A0502 | A M SAMYUKTHA | 17 | P |
| 3 | 14831A0503 | AALLA MANASWINI | 15 | P |
| 4 | 14831A0504 | ABHISHEK JHAWAR | 12 | P |
| 5 | 14831A0505 | ADICHERLA VENKATA SAI | 19 | P |
| 6 | 14831A0507 | AGRESH GUPTA | 15 | P |
| 7 | 14831A0509 | ALA NIHARIKA | 12 | P |
| 8 | 14831A0510 | A.PRAMOD | 17 | P |
| 9 | 14831A0511 | ALLANI ANIRUDH | 15 | P |
| 10 | 14831A0512 | AMARAGONDA PRAVALIKA | 16 | P |
| 11 | 14831A0513 | AMGOTH PREMSINGH | 18 | P |
| 12 | 14831A0514 | ATLA AKSHARA SAI | 18 | P |
| 13 | 14831A0515 | AYUSH AGARWAL | 16 | P |
| 14 | 14831A0516 | B K PRAVEEN KUMAR | 18 | P |
| 15 | 14831A0517 | B.N.ISRAEL | 18 | P |
| 16 | 14831A0518 | B NAVEEN KUMAR | 19 | P |
| 17 | 14831A0520 | BASHPAKA SRAVANI | 19 | P |
| 18 | 14831A0521 | BAITAPALLI KISHORE KUMAR REDDY | 17 | P |
| 19 | 14831A0522 | BANDAMEEDI SUSHMA | 15 | P |
| 20 | 14831A0523 | BHEEMARAJU AJAY | 15 | P |
| 21 | 14831A0525 | BOTLA SINDHURA | 17 | P |
| 22 | 14831A0527 | BYKANI RAJU | 18 | P |
| 23 | 14831A0528 | CHADA SUMA REDDY | 16 | P |

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| | | | | |
|----|------------|--------------------------|----|---|
| 24 | 14831A0529 | CHEGANTI LAVANYA | 16 | P |
| 25 | 14831A0530 | CHIKYAL SAI VINEETH | 18 | P |
| 26 | 14831A0531 | CHILUKA MONIKA | 17 | P |
| 27 | 14831A0532 | CHILUKURI SRIVALLY | 18 | P |
| 28 | 14831A0533 | CHIMMANI VINAYKUMAR | 16 | P |
| 29 | 14831A0534 | CHINNAMSETTI ANUSHA | 18 | P |
| 30 | 14831A0535 | CHITTIPOLU SHIVA SHANKAR | 19 | P |
| 31 | 14831A0536 | CHUNDURU KOMALI | 18 | P |
| 32 | 14831A0537 | DADANNAGARI AKHILA | 17 | P |
| 33 | 14831A0538 | DARA MANJU | 15 | P |
| 34 | 14831A0539 | DUBBAKA MANISHA | 16 | P |
| 35 | 14831A0540 | DUGAR MEHA | 16 | P |
| 36 | 14831A0541 | E VINEETA | 17 | P |
| 37 | 14831A0542 | ELAGANDULA CHAITANYA | 7 | F |
| 38 | 14831A0543 | GUMMADEVELLY AKHILA | 16 | P |
| 39 | 14831A0544 | G PRADEEP KUMAR YADAV | 18 | P |
| 40 | 14831A0545 | GADDAMEEDI BHARATH KUMAR | 19 | P |
| 41 | 14831A0546 | GANDHAM SUSHMA | 17 | P |
| 42 | 14831A0547 | GAUTHAM REDDY SURAKANTI | 18 | P |
| 43 | 14831A0548 | ALIVELI ANUJA | 19 | P |
| 44 | 14831A0549 | GOPU SHIVANI | 18 | P |
| 45 | 14831A0550 | GOSHETTI MOUNIKA | 19 | P |
| 46 | 14831A0551 | GUMMADI HARISH | 19 | P |
| 47 | 14831A0552 | GUNDAMANENI ABHINAV | 17 | P |
| 48 | 14831A0553 | GUNDAMARAJU NITHYA | 18 | P |
| 49 | 14831A0554 | GUNDU MANEENDRA | 18 | P |
| 50 | 14831A0555 | J SRIKANTH | 18 | P |
| 51 | 14831A0556 | JAGGARI SWETHA GOUD | 8 | F |
| 52 | 14831A0557 | JATAVATH PRASHANTH | 17 | P |

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|----|------------|---------------------------------|----|---|
| 53 | 14831A0558 | JONNALAGADDA SRIKANTH | 19 | P |
| 54 | 14831A0559 | K PRASANNA | 18 | P |
| 55 | 14831A0563 | NIKHIL BHARADWAJ | 18 | P |
| 56 | 14831A0564 | KANKANALA NISHANK REDDY | 17 | P |
| 57 | 14831A0566 | KARNATI HARITHA | 18 | P |
| 58 | 14831A0567 | KARNATI SEETHARAMI REDDY | 19 | P |
| 59 | 14831A0568 | KARNE SAI SATHVIK REDDY | 16 | P |
| 60 | 14831A0569 | KARNE SAITEJA | 17 | P |
| 61 | 14831A0570 | KATEPALLI SONIA | 8 | F |
| 62 | 14831A0571 | KODUMURI SRINATH | 18 | P |
| 63 | 14831A0572 | KONE VENKATA NAGENDRA KUMAR | 15 | P |
| 64 | 14831A0574 | KOTHA MURALI KRISHNA | 17 | P |
| 65 | 14831A0575 | KOTHAPALLY PRADEEP ROY | 18 | P |
| 66 | 14831A0576 | KRISHNA JHAWAR | 7 | F |
| 67 | 14831A0577 | KUMMARI PRANITHA | 19 | P |
| 68 | 14831A0578 | KURAPATI SNEHA | 18 | P |
| 69 | 14831A0579 | KUTHADI SWETHA | 19 | P |
| 70 | 14831A0581 | M GAYATRI DEVI | 8 | F |
| 71 | 14831A0582 | MARNI SRITEJ | 18 | P |
| 72 | 14831A0583 | MACHAVARAPU POOJITHA SAI | 18 | P |
| 73 | 14831A0584 | MADOORI MANASA | 19 | P |
| 74 | 14831A0585 | MALLAPU SRILATHA | 18 | P |
| 75 | 14831A0587 | MANTRY NARASIMHA JHANAVI SARATH | 19 | P |
| 76 | 14831A0588 | RAHUL MARA | 18 | P |
| 77 | 14831A0589 | MEDA DIVYA | 19 | P |
| 78 | 14831A0592 | MENGU APARANJANI | 18 | P |
| 79 | 14831A0593 | MERUGU SHIVA JYOTHI | 17 | P |
| 80 | 14831A0594 | MOHAMMAD SHARUKH | 18 | P |
| 81 | 14831A0595 | MOHAMMED. ABDUL HAMEED | 19 | P |

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| 82 | 14831A0596 | MOHAMMED AKRAM HUSSAIN | 8 | F |
| 83 | 14831A0597 | MOHAMMED NAVEED SHABBIR AHMED | 18 | P |
| 84 | 14831A0598 | MOTUGU SHARATH KUMAR | 18 | P |
| 85 | 14831A05A0 | MOUNIKA KASPA | 18 | P |
| 86 | 14831A05A1 | MOVVA LILA MOHAN | 17 | P |
| 87 | 14831A05A2 | MUKKERA.ANILBABU | 9 | F |
| 88 | 14831A05A6 | NAGAMALLA SAI MANIDEEP | 9 | F |
| 89 | 14831A05A7 | NAKKA SUMALATHA | 18 | P |
| 90 | 14831A05A8 | NALLA RAJESH | 17 | P |
| 91 | 14831A05A9 | NARALA SUPRIYA | 19 | P |
| 92 | 14831A05B0 | NELLURI LIKHITHA | 19 | P |
| 93 | 14831A05B1 | NUNE SREJAN | 16 | P |
| 94 | 14831A05B2 | PALLEBOINA SRINATH | 16 | P |
| 95 | 14831A05B3 | P.SAI MEGAHANA | 16 | P |
| 96 | 14831A05B4 | JYOSHNA | 16 | P |
| 97 | 14831A05B5 | PEDDINTI SARVANI | 16 | P |
| 98 | 14831A05B6 | PELIMALLI PRATYUSHA | 16 | P |
| 99 | 14831A05B8 | P MADHUSUDHAN REDDY | 8 | F |
| 100 | 14831A05B9 | PINAPAKA VENKATA SAI CHAITANYA | 15 | P |
| 101 | 14831A05C0 | PININTI HUMPY REDDY | 15 | P |
| 102 | 15835A0501 | JOGU NAVANEETHA | 18 | P |
| 103 | 15835A0502 | ASHOK mamidi | 18 | P |
| 104 | 15835A0503 | SANGINANI SAI PRAKASH | 16 | P |
| 105 | 15835A0504 | SRAVAN TANDURI | 18 | P |
| 106 | 15835A0506 | VOLETI SAI KRISHNAVENI | 18 | P |
| 107 | 14831A05C1 | POOJA PILLAI S | 8 | F |
| 108 | 14831A05C2 | POSHALA VEEKSHAN | 18 | P |
| 109 | 14831A05C3 | POTHARAJU VINEETH | 19 | P |
| 110 | 14831A05C4 | PRABHALA SAI VINAYAKA KARTHIK | 7 | F |

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|-----|------------|-------------------------------|----|---|
| 111 | 14831A05C3 | PRIYANKA | 18 | F |
| 112 | 14831A05C6 | PUJARI SAI CHAITANYA | 18 | F |
| 113 | 14831A05C7 | RACHULLODE ANIL | 19 | F |
| 114 | 14831A05C8 | RAGI RAHUL | 18 | F |
| 115 | 14831A05C9 | RAHUL RAJENDRAN | 8 | F |
| 116 | 14831A05D0 | RAMESH AKULA | 18 | F |
| 117 | 14831A05D1 | RANESHWARI BIYANI | 18 | F |
| 118 | 14831A05D2 | RANKAWAT HARISH CHANDER | 13 | F |
| 119 | 14831A05D3 | RAYAPRAJU KRANTHIMITHRA | 15 | F |
| 120 | 14831A05D4 | RELLA PAVITHRA | 14 | F |
| 121 | 14831A05D5 | SADHULA RANI | 16 | F |
| 122 | 14831A05D6 | SANDULA RAGHAVENDAR GOUD | 18 | F |
| 123 | 14831A05D7 | SANGYAPAGA SOUNDHARYA | 19 | F |
| 124 | 14831A05D8 | SARAKADAM RAMU VENKATA GANESH | 17 | F |
| 125 | 14831A05D9 | SEETHA GAYATHRI | 8 | F |
| 126 | 14831A05E1 | SHAIK HEENA KAUSER | 19 | F |
| 127 | 14831A05E2 | SHIVAKOTI PAVAN KRISHNA | 18 | F |
| 128 | 14831A05E3 | SINGEETAM ARCHANA | 18 | F |
| 129 | 14831A05E4 | SNEHA SHANKAR PUNAM | 9 | F |
| 130 | 14831A05E6 | SUKHVINDER KAUR PANNU | 17 | F |
| 131 | 14831A05E7 | SUMIT DAS | 19 | F |
| 132 | 14831A05E8 | SWARNA SUVARCHALA | 16 | F |
| 133 | 14831A05E9 | SWETA KUMARI | 15 | F |
| 134 | 14831A05F0 | T PRIYANKA | 15 | F |
| 135 | 14831A05F1 | THAKRE SHUBHAM | 18 | F |
| 136 | 14831A05F2 | THATKONDA KARTHIK | 16 | F |
| 137 | 14831A05F3 | THORANALA BHAVANI | 18 | F |
| 138 | 14831A05F4 | THUDUGANI SOUJANYA | 9 | F |
| 139 | 14831A05F5 | THUNAM VENKAT GOPI KIRAN | 18 | F |

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|-----|------------|--------------------------|----|---|
| 140 | 14831A05F6 | TUMMALA DURGAPOOJITHA | 19 | P |
| 141 | 14831A05F7 | UDUMALA AKHILA REDDY | 19 | P |
| 142 | 14831A05F8 | VITTA ANURAG REDDY | 19 | P |
| 143 | 14831A05F9 | VANTERU UMA SHALINIREDDY | 19 | P |
| 144 | 14831A05G0 | VADDEPELLI VENKATASAI | 18 | P |
| 145 | 14831A05G1 | VAJULA SAIKIRAN | 17 | P |
| 146 | 14831A05G2 | VARIGANTI SAI KIRAN GOUD | 9 | F |
| 147 | 14831A05G3 | VEMURI ANURAG PRASAD | 15 | P |
| 148 | 14831A05G4 | VEMURI SHOBINI | 12 | P |
| 149 | 14831A05G5 | VIDHUSHA PAVAN | 15 | P |
| 150 | 14831A05G6 | VIKASH VARMA PATCHAMATLA | 15 | P |
| 151 | 14831A05G7 | VINEELAK | 15 | P |
| 152 | 14831A05G8 | WAZAHAT ALI | 15 | P |
| 153 | 14831A05G9 | Y DIVYA | 12 | P |
| 154 | 14831A05H0 | Y KUMAR RAJ | 12 | P |
| 155 | 14831A05H1 | YALAVARTHI SAAHITHI | 15 | P |
| 156 | 14831A05H2 | YANAMALA HARISH | 14 | P |
| 157 | 14831A05H3 | YAPARLA VINEETHA REDDY | 16 | P |
| 158 | 14831A05H4 | YARLAGADDA BHUVANESHWARI | 13 | P |
| 159 | 14831A05H5 | YATELLI NISHA | 18 | P |
| 160 | 14831A05H6 | YEMPATI HIMA BINDU | 18 | P |
| 161 | 13831A0509 | B BHARGAV | 18 | P |
| 162 | 13831A0528 | GADDI PRASHANTH | 18 | P |

TOTAL NO.OF REGISTERED STUDENTS=162

TOTAL NO.OF STUDENTS PASS =142

TOTAL NO.OF STUDENTS FAIL =16

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C++ PROGRAMMING

QUESTION PAPER

Duration: 120 min

4 x5=20 marks

Answer the following all questions. Each question carries 5 marks

- 1) What is friend function? Explain by giving suitable example?
- 2) What is the need of virtual functions? Explain by giving suitable example?
- 3) What is the use of constructor function in a class? Give a suitable example?
- 4) Explain all input and output functions of files in C++?

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CERTIFICATE

This is to certify that Mr. /Ms. A.M.SAMYUKTHA bearing Roll No: 14831A0502 from Guru Nanak Institute of Technology, has Completed Training Program in "C++ PROGRAMMING" from 12-10-2015 to 24-10-2015 Organized by TTA at Hyderabad.

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Department of CSE

C++ Programming Summary

C++ is a statically typed, compiled, general-purpose, case-sensitive, free-form programming language that supports procedural, object-oriented, and generic programming.

C++ is regarded as a **middle-level** language, as it comprises a combination of both high-level and low-level language features.

C++ was developed by Bjarne Stroustrup starting in 1979 at Bell Labs in Murray Hill, New Jersey, as an enhancement to the C language and originally named C with Classes but later it was renamed C++ in 1983.

C++ is a superset of C, and that virtually any legal C program is a legal C++ program.

C++ fully supports object-oriented programming, including the four pillars of object-oriented development –

- Encapsulation
- Data hiding
- Inheritance
- Polymorphism



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