G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE(For Women)
(AUTONOMOUS)
Shaikpet, Hyderabad ,Telangana

DEPARTMENT OF INFORMATION TECHNOLOGY

Course Name:	VAC on Programming Skills on competitive coding -Hebeon	**A.Y.:**	2019-20
Duration of course:	36 Hr.	**Class**	II B. Tech

Syllabus:

1) C Language

- Data Types, Keywords and Operators
- Branching Statements
- Looping Statements
- Scope and Extent
- Arrays
- Strings
- Functions
- Pointers
- Enumerated, Structure and Union Types
- File Handling

2) C++ Language
- Functions in C++ – Value Parameters
- Reference Parameters
- Parameter
- Passing
- Function Overloading
- New and Delete operators
- Class and Object
- Access specifies
- Constructors and Destructor
- Friend Functions,
- Operator Overloading
- Generic Programming – Function Templates
- Class Templates
- Inheritance and Polymorphism.

3) **Java Programming**

- Overview of Object-Oriented Programming and Java
- Java Programming Elements
- Input-Output Handling in Java
- Encapsulation
- Inheritance
- Exception Handling
- Multithreaded Programming
- Java Applets and Servlets
- Java Swing and Abstract Windowing Toolkit (AWT)
- Networking with Java
- Java Object Database Connectivity (ODBC)
- Interface and Packages for Software Development

G. Narayanamma Institute of Technology & Science for women

Dept: INFORMATION TECHNOLOGY

COURSE: VAC on Programming Skills on competitive coding -Hebeon

List of participants : 125

Date : 1/12/2019(12 weeks)

S.NO	Full Name	Roll Number	Year	Branch
1	KONDAPARTHI AMMULU	16251A1220	II/IV	IT
2	CHALAPATI LAKSHMI SRAVYA	18251A1201	II/IV	IT
3	AYYALA SOMAYAJULA SAI AISHWARYA	18251A1202	II/IV	IT
4	BALMOORI IKSHITHA	18251A1203	II/IV	IT
5	SMITHA RAO SUNKI	18251A1204	II/IV	IT
6	BUDIGAM VAISHNAVI	18251A1205	II/IV	IT
7	CHINTAPALLI AUHLADA SREE VYSHNAVI	18251A1206	II/IV	IT
8	CHITUKULA SHRAVANI	18251A1207	II/IV	IT
9	DIBYADARSHANI PATRA	18251A1208	II/IV	IT
10	GAYAM BALASATHVIKA	18251A1209	II/IV	IT
11	GURRAM CHANDANA	18251A1210	II/IV	IT
12	GUTTIKONDA ASHVIKA REDDY	18251A1211	II/IV	IT
13	HRUTHIKA EEDUPUGANTI	18251A1212	II/IV	IT
14	JULOORI SRAVIKA	18251A1213	II/IV	IT
15	GUNDLA SHIVANI	18251A1214	II/IV	IT
16	KOPPUNOORI APOORVA	18251A1215	II/IV	IT
17	KATTA PRANATHI	18251A1216	II/IV	IT
18	KAMPELLI CHITRA	18251A1217	II/IV	IT
19	KETHEPALLI SAHITHI	18251A1218	II/IV	IT
20	MUDDASANI RISHIKA	18251A1219	II/IV	IT
21	MOGULLAPALLI LAXMI PRIYA	18251A1220	II/IV	IT
22	MUNIGETI RUCHITHA	18251A1221	II/IV	IT
23	MASARRATH FATIMA	18251A1222	II/IV	IT
24	MILKURI ANUSHA	18251A1223	II/IV	IT
25	PADUGUPADU LAXMI TIRUMALA	18251A1224	II/IV	IT
26	PULLURU SAI SHREYA	18251A1225	II/IV	IT
27	POLADI PRAVALIKA	18251A1226	II/IV	IT
28	SHINY BODDU	18251A1227	II/IV	IT
29	THANDOJU SRUTHI	18251A1228	II/IV	IT
30	TETALI BINDUMADHURI	18251A1229	II/IV	IT
31	AISHAM KEERTI	18251A1231	II/IV	IT
32	BADDAM ANUSHA	18251A1232	II/IV	IT
33	B JAHNAVI REDDY	18251A1233	II/IV	IT

34	BONALA ASHRUTHA	18251A1234	II/IV	IT
35	CHITIGORI RAKSHITHA	18251A1235	II/IV	IT
36	CHEDE PRATHYUSHA	18251A1236	II/IV	IT
37	DAVULURI MONITHA	18251A1237	II/IV	IT
38	ENDRALA HARIKA	18251A1238	II/IV	IT
39	GUDURI POOJITHA	18251A1239	II/IV	IT
40	GOPAGONI JYOTHIKA	18251A1240	II/IV	IT
41	JILLOJU SRI HARSHINI	18251A1242	II/IV	IT
42	JUVERIYA	18251A1243	II/IV	IT
43	K. SAI POOJITHA	18251A1244	II/IV	IT
44	KAMERA ASHWINI NEHTA	18251A1246	II/IV	IT
45	KANDIMALLA.PRANITHA	18251A1247	II/IV	IT
46	KONDETI POOJA	18251A1248	II/IV	IT
47	KUNDEN SATHVIKA	18251A1249	II/IV	IT
48	M TEJA PRANAVI	18251A1250	II/IV	IT
49	MANASWITHA JILLEPALLI	18251A1251	II/IV	IT
50	MATAM DEEKSHITHA	18251A1252	II/IV	IT
51	MUSTIALA SIRI	18251A1253	II/IV	IT
52	LAKSHMI KIRANMAYEE PEDDINTI	18251A1254	II/IV	IT
53	PALURI NEELIMA	18251A1255	II/IV	IT
54	RAMADUGU SANJANA	18251A1256	II/IV	IT
55	SUDDALA SATHWIKA	18251A1257	II/IV	IT
56	MEDARAMETLA MADHURIMA	18251A1258	II/IV	IT
57	VELICHALA TEJITHA	18251A1259	II/IV	IT
58	VISLAVATH JYOTHI	18251A1260	II/IV	IT
59	ALLURI DANAPRITI L PRIYANKA	18251A1261	II/IV	IT
60	AMBREEN AIJAZ AHMED	18251A1262	II/IV	IT
61	ANGATE ANJALI	18251A1263	II/IV	IT
62	B INDU	18251A1264	II/IV	IT
63	B RUTHVIKA RATHOD	18251A1265	II/IV	IT
64	BONDILI JAYA NAGA KEERTHI SINGH	18251A1266	II/IV	IT
65	CH BINDUSHA	18251A1267	II/IV	IT
66	CHATALA KAUSHIKA	18251A1268	II/IV	IT
67	DEVABHAKTHINI VARSHINI	18251A1269	II/IV	IT
68	DYAVANAPELLY SRIYA	18251A1270	II/IV	IT
69	MOUNICA MARNEEDI	18251A1272	II/IV	IT
70	GOLI VARSHA	18251A1273	II/IV	IT
71	HIMANI GUGULOTU	18251A1274	II/IV	IT
72	JUMMARATH NAVYA SRI	18251A1275	II/IV	IT
73	KANTAREDDY VARSHITHA	18251A1276	II/IV	IT
74	POLISETTI GEETIKA BHRAMARA	18251A1277	II/IV	IT
75	THEEKSHA PENDAM	18251A1278	II/IV	IT

76	MUSTHYALA SAHITHI	18251A1279	II/IV	IT
77	MADDALA VENKATA SUSMITHA	18251A1280	II/IV	IT
78	MEDARAMETLA JOSNA	18251A1281	II/IV	IT
79	NARAPARAJU RAMA SOUMYA	18251A1282	II/IV	IT
80	NALLA PUJITHA BALA	18251A1283	II/IV	IT
81	ASAM JEEVANA REDDY	18251A1284	II/IV	IT
82	PALADUGU THANISHQ CHOWDARY	18251A1285	II/IV	IT
83	PEDDINTI SAI JOSHITA	18251A1286	II/IV	IT
84	RAYEESA RUHI	18251A1287	II/IV	IT
85	TOORPU PRANAVI	18251A1288	II/IV	IT
86	TANNERU HARI NANDINI	18251A1289	II/IV	IT
87	KAPUGANTI BHARGAVI	18251A1290	II/IV	IT
88	ALA HARINI	18251A1291	II/IV	IT
89	ANACHI PRATHYUSHA	18251A1292	II/IV	IT
90	AYSHA MOHAMMED ASIF	18251A1293	II/IV	IT
91	LATHA BEMANADHAM	18251A1294	II/IV	IT
92	GIRI SRIPOOJITHA	18251A1295	II/IV	IT
93	ANU CHALLA	18251A1296	II/IV	IT
94	SRIVIDYA SRAVYA CHEBOLU	18251A1297	II/IV	IT
95	ANNAM STHIRA REDDY	18251A1298	II/IV	IT
96	DHONDI JUGGE NIKITA	18251A1299	II/IV	IT
97	EAGA.CHARITHA	18251A12A0	II/IV	IT
98	GILAKARA SAI SINDHU	18251A12A1	II/IV	IT
99	GADARI NEHA	18251A12A2	II/IV	IT
100	GOLLAPALLI LIKHITHA	18251A12A3	II/IV	IT
101	KODALI SWETHA	18251A12A6	II/IV	IT
102	KOTHA PRIYANKA	18251A12A7	II/IV	IT
103	LUBNA FATIMA	18251A12A8	II/IV	IT
104	MODUGU NIHARIKA	18251A12A9	II/IV	IT
105	MADDIPATI MAHITA	18251A12B0	II/IV	IT
106	NAGANDLA.TEJASWINI	18251A12B1	II/IV	IT
107	V K MANASA	18251A12B2	II/IV	IT
108	NIKITA PALSHIKAR	18251A12B3	II/IV	IT
109	PALURU NIKHITA	18251A12B4	II/IV	IT
110	PARATALA SHIVANI GUPTA	18251A12B5	II/IV	IT
111	PULI TEJASWINI REDDY	18251A12B6	II/IV	IT
112	PEDDIREDDY SAI PRIYA	18251A12B7	II/IV	IT
113	RAGIRI SWATHI	18251A12B8	II/IV	IT
114	THURPATI SANDHYA	18251A12B9	II/IV	IT
115	YAKKALA THIRUPATAMMA AMULYA	18251A12C0	II/IV	IT
116	ASHMITHA SRIVASTAV	19255A1201	II/IV	IT
117	BRUNDARIKA BATTU	19255A1202	II/IV	IT

118	DHONTHULASHETTY SHIRISHA	19255A1203	II/IV	**IT**
119	MEDISHETTY BABY	19255A1206	II/IV	**IT**
120	BUDDA MAHIMARANI	19255A1207	II/IV	**IT**
121	POTHABATINI SADHANA	19255A1208	II/IV	**IT**
122	GOPU LIKHITHA	19255A1209	II/IV	**IT**
123	GUTTI SRAVYA	19255A1210	II/IV	**IT**
124	R DEEPIKA	19255A1211	II/IV	**IT**
125	UTA SURYAKALA	19255A1212	II/IV	**IT**

HOD IT

DEPARTMENT OF INFORMATION TECHNOLOGY
A. Y.: 2019-20

Course Title: VAC on Programming Skills on competitive coding –Hebeon
Dates: 1/12/2019(12 weeks)
Class: II B. Tech
No of Participants: 125

Value added course on competitive coding was conducted in online mode around 12 weeks by the department of IT in association with Hebeon. The Course was intended for II B.Tech students of IT department. To provide knowledge of basic coding skill, file operations and to use basic programming skills to solve regular problems.

Topics Covered:

1) C Language

- Data Types, Keywords and Operators
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2) C++ Language
- Functions in C++ – Value Parameters
- Reference Parameters
- Parameter
- Passing
- Function Overloading
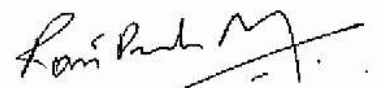- New and Delete operators
- Class and Object
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Coordinator

HOD IT

BETWEEN

HEBEON TECHNOLOGIES

AND

DEPARTMENT OF INFORMATION TECHNOLOGY,

G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE

PROJECT:	**LOCATION:**
Research & Development - Knowledge base on Cutting Edge Technologies for Hebeon eLearning Platform	IT department, GNITS, Hyderabad.

SCOPE & NATURE OF THE SERVICES:

- Building Resources for learning .NET & JAVA Frameworks, Data Science.
- Implement Machine Learning Algorithms for adaptive learning.
- Evaluate and Analyse the Performance of machine learning techniques in terms of accuracy.

INFORMATION OR SERVICES TO BE PROVIDED BY THE HEBEON:

- Research grant of Rs. 4 Lakhs
- Cloud Services and available technology

HEBEON AUTHORISED SIGNATORY	GNITS AUTHORISED SIGNATORY
PRINT NAME: C . SHANKAR RAJU	PRINT NAME: K. RAMESH REDDY
DATE: 05/04/19	DATE: 05 04 2019

PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104.

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our predefined learning path algorithms will empower you to learn, practice and test your knowledge. All of this is integrated and happens seamlessly.

HEBEON
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...Beyond Careers

LEARN · CODE · QUALIFY = ...Beyond Careers

To,
Dr. K Ramesh Reddy,
Principal,
GNITS.

Dear Sir,

Sub: Approval of research grant to IT department of GNITS – Reg.

This is in continuation with the discussions on research proposal of IT Department, GNITS, at GNITS, Hyderabad. We have reviewed the research proposals and observed that the contributions of the proposals are matching our organizations profile. In this regard we are interested in collaborating with IT Department of GNITS for carrying out the research further. We are glad to grant a fund of Rs. 4 Lakhs towards the activities mentioned below. The resources of Hebeon Technologies at Khajaguda, Hyderabad can be utilized for the purpose.

S.No.	Title	Activity	Project In-charge	Grant in Lakhs
1.	*Knowledge base articles & micro projects / code base solutions on Cutting Edge Technologies*	• Building Resources for learning Python & JAVA. • Implement Machine Learning Algorithms for adaptive learning • Evaluate and Analyse the Performance of machine learning techniques in terms of accuracy.	Dr. I. Ravi Prakash Reddy, Professor & HOD IT	4

We are confident that department will come up with research contributions for both the research proposals and looking forward for more associations in future.

For Hebeon Technologies

Managing Director

Plot No.196, Beside Kidzee School, Prasanth Hills, Khajaguda, Hyderabad - 500032.