



BMS Institute of Technology and Management
Doddaballapura Main Road, Yelahanka
Bengaluru-64, Karnataka, India

Department of Information Science and Engineering



**ORIENTATION PROGRAMME FOR SECOND YEAR
STUDENTS (3rd Sem) 2017-18**



Date : - From 9-08-2018 To 11-08-2018

Department of Information Science and Engineering

VISION

Emerge as centre of learning in the field of information science & engineering with technical competency to serve the society.

MISSION

To provide excellent learning environment through Balanced Curriculum, Best Teaching Methods, Innovation, Mentoring and Industry Institute Interaction.

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THE EDITORIAL BOARD

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Dr. Manjunath T. N

Editor:
Mrs. Shanthi
Mrs.Arptha H M

Schedule

 B.M.S Institute of Technology and Management, Yelahanka, Bengaluru – 560064 Department of Information Science and Engineering Three day Orientation Programme for 2nd (3rd Sem) year students									
Date	Session - I			Session-II			Session-III		
Day									
Time	9:00 - 9:30 AM	9:30 - 10:30AM	10:30 - 11:00 AM	11:30 - 12:15 PM	12:15 - 1:00 PM	1:00 - 1:30PM	2:30 - 3:15PM	3:15 - 4:00 PM	4:00 - 4:30PM
9/8/2018 Thursday	Welcome to department & Introduction to Orientation by Dr. Manjunath T N	Discussion of Entire Curriculum & Student Development Model by Dr. Manjunath T N	Diagnostic Test on Logical and Aptitude (Moodle) Prof Shanthi D L	Module1 coordinator : Information Systems and Data Bases by Dr. Usha	Module2 Coordinator : Algorithms and Computer Languages by Dr. Pushpa S K	Discussion of Diagnostic Test Results by Prof Shanthi D L	Module3 coordinator : Computer Architectures and WEB Services by Prof Ashwini N	Module4 coordinator : Computer Networking and Management by Prof. Mahalakshmi S	QUIZ Prof Shanthi D L
Time	9:00 - 10:00AM	10:00 - 11:00 AM		11:30 - 12:30PM	12:30 - 1:30 PM		2:30 - 4:30 PM		
10/8/2018 Friday	What You will be After the Graduation: Regarding Placements & study on Aspiration by Dr.Usha/Prof. Gireesh Babu C N	Pursuing Higher Education by Dr. Pushpa S K		Becoming an Entrepreneur by Prof Mahalakshmi S	Placements criteria discussion By Ambika Rani		Behavioral Sciences Psychological aspects and impacts on students by Prof Satyanarayana Raju		
Time	9:00 - 11:00AM			11:30-12:30PM					
11/8/2018 Saturday	Welcome by 5th Semester Students			valedictory					

Coordinator

Shanthi D L

HOD

Department of ISE

Participants List

Sl.No.	Students names	USN
1	ABHINAV URS	1BY17IS001
2	ABU FAISAL	1BY17IS002
3	ADITYA PRASHANTH KANGOKAR	1BY17IS003
4	ADITYA RAGHAV	1BY17IS004
5	AKASH SUNIL KUMAR	BY17IS006
6	AKSHARA Y TARIKERE	1BY17IS007
7	AMAN K A	1BY17IS008
8	ANANYA HATHWAR	1BY17IS009
9	ANMOL PATEL	1BY17IS010
10	ASHOKA	1BY17IS012
11	ASHUTOSH S	1BY17IS013
12	A. RAJESH KUMAR REDDY	1BY17IS014
13	CHEZHAN N	1BY17IS016
14	DHRUVA B M	1BY17IS017
15	DISHA N P	1BY17IS018
16	ERICA	1BY17IS019
17	GOPAL AGRAWAL	1BY17IS020
18	GURURAJ B N	1BY17IS021
19	HIMA	1BY17IS022
20	JESHWANTH.M	1BY17IS023
21	JHANA VI V	1BY17IS024
22	JOSWIN MELRICK LOBO	1BY17IS025
23	KARTIKEYA SINGH	1BY17IS026
24	KEN K THEJESH	1BY17IS027
25	KRUTHIKA RAMESH	1BY17IS028

Sl.No.	Students names	USN
26	LAKSHMAN REDDY V	1BY17IS029
27	SAI RAMYA	1BY17IS030
28	MEGHANA BS	1BY17IS031
29	MRINAL THAKUR	1BY17IS033
30	NIDA MARIAM S A	1BY17IS034
31	NIKITHA HASBI	1BY17IS036
32	P. YASHWANTH	1BY17IS037
33	PRASHANTH	1BY17IS038
34	AAQIB	1BY17IS040
35	RAHUL	1BY17IS041
36	SAI RACHANA	1BY17IS046
37	SAMRUDHI	1BY17IS047
38	SANDHYA	1BY17IS048
39	SHREYA R T	1BY17IS053
40	SIMRAN I	1BY17IS054
41	SNEHA R	1BY17IS055
42	SPOORTHY SHIVAKUMAR	1BY17IS056
43	V. SAIRITWIK	1BY17IS060
44	VARADRAJ	1By17IS061
45	VENKATESH MURTHY	1BY17IS062
46	VISHAL ANAND	1BY17IS063
47	RITIK KUMAR SINGH	1BY17IS066
48	TANAY TADAS	1BY17IS071
49	VIKAS CHAUHAN	1BY17IS072
50	NIKITHA N E	1BY16IS027

Resource Person Profile

Dr. Manjunath T N

M.Tech, Ph.D, LMISTE

Professor & HoD

**Dept. of Information Science & Engineering, BMSIT, Yelahanka,
Bangalore**



Brief Biodata

Prof. **Dr. Manjunath T N** has completed her B.E from SJCIT, Chickballapur and M. Tech from JNNCE, Shimoga and Ph. D from R & D Centre, Bharathiar University, and Coimbatore. He Submitted his Thesis in Oct-2013 and Awarded in April-2015.

He has published more than 20 technical papers in various National & International Conferences and 28 papers in Journals. He has actively involving in organizing various technical talks, workshops and conferences. He has teaching and Industrial experience of more than 17 years in various company and Institutions like Global Softech India, Accenture services, Wipro Technologies, Bangalore, SJBIT, Acharya Institute of Technology. He is a Life member of Indian Society for Technical Education, International Association of Engineers and Member of the Society of Digital Information and Wireless Communications. At present he is working as an Professor & HoD in BMSIT & M, Bengaluru.

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Dr. Pushpa S. K

B.E., M.E. Ph.D.,

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Brief Biodata

Dr. Pushpa S. K. received her Bachelor's Degree in Computer Science and Engineering from Bangalore University, Bangalore, Karnataka, India during the year 1995 and M.E in Computer Science and Engineering from Bangalore University, Bangalore, Karnataka, India during the year 2004. Currently Dr. Pushpa S.K is working as an Associate Professor in BMSIT & M, Dept. of ISE, Bengaluru. She is having 16+ year of teaching experience. She is having 8 Journal papers & 5 International Conference papers in her credit. She is life member of professional bodies like ISTE, ISC & IEEE member. Her areas of interests are Wireless Sensor Networks, Big Data. At present she is working as an Professor in BMSIT&M, Bengaluru.

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S. Mahalakshmi

B.E., M.E. (Ph.D.,) Assistant Professor,

**Dept. of Information Science & Engineering, BMSIT, Yelahanka,
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Brief Biodata

Prof. S. Mahalakshmi has completed her B.E from Jayaram College of Engineering and M.E from Bannari Amman Institute of Technology in the year 2003 and 2008 respectively. She is a rank holder and received gold medal in her PG from Anna University, Chennai and has won Best Student -2008 Award. She has completed certification on CCNA Exploration from Cisco Networking Academy and workshop on High impact teaching skills from Dale Carnegie Inc. Her areas of interest include High performance Computing and Big data. She is pursuing her PhD in Vellore Institute of Technology, Vellore.

She has published more than 15 technical papers in various National & International Conferences and 12 papers in Journals. She has actively involving in organizing various technical talks, workshops and conferences. She has teaching experience of more than 13 years in various Institutions like SRM University, VIT University. She is a life member of Computer society of India and Institution of Engineers. At present she is working as an Assistant Professor in BMSIT, Bengaluru.

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Dr. Usha B A

B.E., M.Tech. Ph.D.,

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Dr. Usha B A has completed her B.E from RGIT, Bengaluru and M. Tech from RVCE, Bengaluru and Ph. D from Department of CSE R & D Centre, VTU, Belagavi . She obtained her Ph.D degree in the year 2016.

She started her carrier as Lecturer in the Dept of CSE from 2006 to 2010 in R V College of Engineering. Started working as Asst. Professor in the Dept of CSE from 2010 to 2018. She has published more than 6 technical papers in various National &International Conferences and 16 papers in International Journals. She also has book chapter publication in reputed organization. She has actively organized various technical talks, workshops and conferences. She has worked in multidisciplinary consultancy projects. She has professional membership in IEEE. Currently she is an Associate Professor in the Dept of ISE, BMSIT&M.

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Prof. Gireesh Babu C N

B.E., M.Tech. (Ph.D.,)

Assistant Professor,

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Prof. Gireesh Babu C.N. received his Bachelor's Degree and M.Tech in Computer Science and Engineering from Visvesvaraya Technological University, Belagavi, Karnataka, India during the year 2009 and 2012 respectively. He has published more than 15 technical papers in various National &International Conferences and 10 papers in Journals. He has actively involving in

organizing various technical talks, workshops and conferences. He has teaching and Industrial experience of more than 5 years. He is a Life member of Computer Society of India and Indian Society for Technical Education. At present he is working as an Assistant Professor in BMSIT&M, Bengaluru. His areas of interests are Smart Networks- IOT, Big Data and Cloud Computing.

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Brief Biodata

Mr. Chandrashekhara K. T received his Bachelor's Degree in Computer Science and Engineering from Visvesvaraya Technological University, Belgaum, Karnataka, India during the year 2002 and M. Tech in Computer Science and Engineering from VTU, Belgaum, Karnataka, India during the year 2008. Currently Mr. Chandrashekhara K. T is working as an Assistant Professor in BMSIT, Dept. of ISE, Bengaluru. He is having 6+ year of teaching experience and 3+ years of industry experience at Intellinet Technologies, Bengaluru and Wipro Technologies Ltd. Bengaluru. He is having 7 Journal papers in his credit. He is member of professional bodies like ISTE, CSI. His areas of interests are Smart Networks-IOT, Big Data and Data Mining.

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Prof. Ashwini N

B.E., M.Tech. (Ph.D.,)

Assistant Professor,

**Dept. of Information Science & Engineering, BMSIT&M, Yelahanka,
Bangalore****Brief Biodata**

Ashwini N is working as Assistant professor in Dept of ISE, BMSIT&M. She has completed her B.E in The Oxford College of Engineering, Bengaluru in 2007 and M.Tech from AMC engineering College 2007 in CSE. She is having 12.5 years of teaching experience and pursuing research in the field of data mining. Her area of interest is Neural Networks, and data mining. She has published 8 research papers in national conference and 7 research papers in international journals. She is member of professional bodies like IEEE, ISCA.

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Introduction

One of the special features of the ISE department of BMSIT College is its three day orientation program for the second year students. It is a briefing of all the courses the student is about to undertake in the next three years and the importance of the core modules of Information Science and Engineering. It is also a way of making the students aware of all the opportunities that lie ahead of them and how to utilize them.

DAY 1:

SESSION I :

The day started with the invocation of God by lighting the lamp followed by a very inspirational speech by the Head of the department **Dr. Manjunath T N**, in which he gave a very warm welcome to the students. He also informed the students about their roles and responsibilities as professionals. An overview about the entire curriculum and the student development programs like PBL, coding activity, etc., was given.



SESSION II:

The following are the core modules that were discussed :-

- 1) Information Systems and Data Bases by **Dr.Usha**
- 2) Algorithms and Computer Languages by **Dr.Pushpa S K**

A DBMS plays a crucial **role** in both the creation and management of data. Without a database management system organizing, controlling and cataloging data, an information system would be an organized conglomeration of data. The ultimate role of a database management system is to implement controls and provide maintenance to data files using data security to ensure integrity of data.

Algorithms are very important in computer Science. The best chosen algorithm makes sure computer will do the given task at best possible manner. In cases where efficiency matter a proper algorithm is really vital to be used. An algorithm is important in optimizing a computer program according to the available resources. Ultimately when anyone decides to solve a problem through better algorithms then searching for the best combination of program speed and least amount of memory consumption is desired.



SESSION III:

The modules discussed in this session were:-

- 1) Computer Architecture and WEB services by **Prof Ashwini N**
- 2) Computer Networking and Management by **Prof Mahalakshmi S**

Web services (sometimes called application services) are services (usual including some combination of programming and data, but possibly including human resources as well) that are made available from a business's Web server for Web users or other Web-connected programs. Web services range from such major services as storage management and customer relationship management (CRM) down to much more limited services such as the furnishing of a stock quote and the checking of bids for an auction item. The accelerating creation and availability of these services is a major Web trend.

Information and communication are two of the most important strategic issues for the success of every enterprise. Computer networks allow the user to access remote programs and remote databases either of the same organization or from other enterprises or public sources. Computer networks provide communication possibilities faster than other facilities. Because of these optimal information and communication possibilities, computer networks may increase the organizational learning rate, which many authors declare as the only fundamental advantage in competition.

The day 1 ended with the discussion of the importance of taking tests provided by the Moodle portal.

DAY 2:

SESSION I :-

As engineering students we all understand the **importance of the placement** process. The next event handled by Prof. **Gireesh Babu** and **Dr.Usha** enlightened the students about the placement process. Brushing up on the placement statistics of the past five years, they also shared with the students about the various steps that are being taken to ensure maximum placements.



The next lecture was about the **importance of pursuing higher education** by **Dr. Pushpa SK**. This session helped the students to understand the various courses that one can undertake after BE and the entrance exams corresponding to them. She also listed out some of the top universities across the globe that offers different varieties of courses.

Entrepreneurship is the process of designing, launching and running a new business, which is often initially a small business. The next session conducted by **Prof. Mahalakshmi S** was an insight about the importance of entrepreneurship in today's society. She encouraged the students to come out with their own ideas and become employers rather than employees.

SESSION III:

Behavioral Sciences (psychological aspects and impacts on students) were a session organized by Prof. Satyanarayan Raju. It was an inspirational session that left everyone motivated. Breaking the monotony of the day, this session offered a way for the students to refresh themselves. By the means of activities the professor was able to understand and help the students improve their personality and social skills and also develop confidence in them.



DAY 3:

SESSION I:

This was the most fun filled event of the three day orientation program that was organized by the 5th semester students for the 3rd semester students. Filled with various games and activities it was very entertaining and allowed the juniors to interact with their seniors. There was also a Q&A session that helped the students to understand the various problems that they might face and also how to tackle these problems. This was followed by cultural events where both the 5th and 3rd semester students took part.

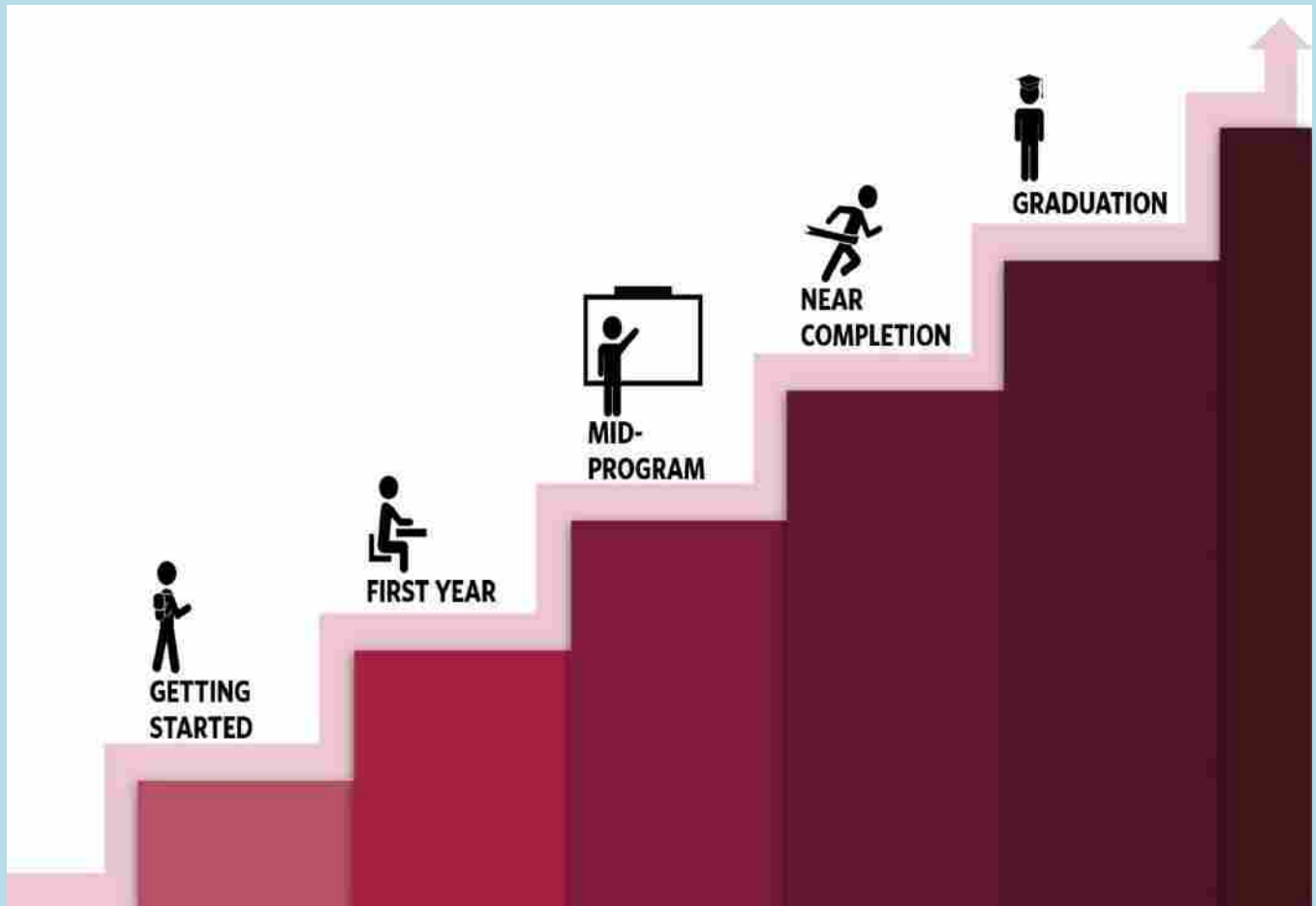


SESSION II:

This was the last session of the orientation program was the **valedictory program** where the students were facilitated with certificates.







**Change your life today. Don't
gamble on the future, act
now, without delay.**

Simone de Beauvoir