



## Memorandum of Understanding (MOU)

Between

### YOGA'S IT SOLUTIONS

Mercy Palace #7,2<sup>nd</sup> Street, Anna Nagar,  
Villar Road, Thanjavur-6  
www.yogasgroup.org

and

**BHARATH COLLEGE OF SCIENCE AND MANAGEMENT**  
(UGC Recognized 2(f) and 12 (b) Institution)  
Affiliated to Bharathidasan University, Tiruchirapalli, Thanjavur-5

#### **YOGA'S IT SOLUTIONS**

**YOGA'S IT SOLUTIONS Design and Development** Office located at No 7<sup>th</sup> cross 2<sup>nd</sup> Street Mercy Palace, Anna Nagar, Thanjavur -5 (Web Site [www.yogasgroup.org](http://www.yogasgroup.org)) is a leading global technology service provider that offers pioneering Branding, Web Designing and Digital Marketing Solutions. The seeds of YOGA'S planted in the year 2008, with a great dream of taking clients to the global market. We are renowned for our support service & our commitments we offer to our clients in a friendly way.

Choosing YOGA'S means you would be getting a premium and professional service and also you would be getting a business partner nor a contractual service company.

#### **BHARATH COLLEGE OF SCIENCE AND MANAGEMENT**

Bharath College of Science and Management affiliated to Bharathidasan University, Trichirappalli is functioning from the academic year 2000-2001. Bharath College of Science and Management is a self-financing college run by K.Nadimuthu Memorial Educational Trust and approved by the Government of Tamilnadu vide G.O.No.168, Higher Education dt. 30.05.2000. To promote patriotism in the young minds of our students, the college has been rightly named as Bharath College of Science and Management.

#### **Scope**

Both **YOGA'S IT SOLUTIONS** and Bharath College of Science and Management hands in training the students of **Department of Computer Science** students by providing academic projects, training.

00 - 22

### Scope of MoU

- The purpose of this MOU is to develop academic and educational co-operation between both the Institutions.
- This is to promote enhanced knowledge for the students by providing them final year projects.
- Exchange of staffs for training and updation knowledge for software's.
- To conduct the events like seminar, workshops, conferences etc.
- To support software assistances between the Institution.

### **Terms and Agreement :**

- The person signing this MOU has the full authority to change or modify this agreement on both sides.
- The MOU is valid for 2 years from the date of agreement.

### **Signatories:**

Witness hereof, the parties here to have signed this MOU in two original in English on the date(s) herein below indicated.

**For YOGA'S**  
  
**Proprietor**  
**For YOGA'S IT SOLUTIONS**

  
70/06/2020  
**For Bharath College of Science and Management**  
**PRINCIPAL**  
Bharath College of Science and Management  
Bharath Avenue (Near New Bus Stand)  
THANJAVUR - 612005.



**Bharath College of Science and Management**

UGC Recognized 2(f) & 12(B) Institution

Affiliated to Bharathidasan University, Tiruchy

Thanjavur-5

**PG Department of Computer Science**

**In Association with IQAC**

**Organizes**

**One Day Seminar on**

# **Wireless & Sensor System**

## **PRESIDED OVER BY**

**Mrs. PUNITHA GANESAN, B.Sc., M.A.**  
Secretary,  
Bharath Group of Institution,  
Thanjavur-05.

## **RESOURCE PERSON**

**Dr.V.Adiselvam,**  
Head & Asst.Prof in Computer Applications  
Sengamala Thaiyar college for Women,  
Mannargudi

## **FELICITATION**

**Dr. T. VEERASAMY,**  
Principal,  
Bharath College of Science  
and Management, Thanjavur-05.

**Sponsored by YOGA'S IT SOLUTIONS**

**ALL ARE CORDIALLY INVITED**

**Date : 18/07/2019**

**Venue : Seminar Hall**

**BHARATH COLLEGE OF SCIENCE  
AND MANAGEMENT**

THANJAVUR-613005, TAMIL NADU

**ONE DAY SEMINAR ON  
WIRELESS & SENSOR SYSTEM**

**AGENDA**

TIME: 11.30 AM

PRAYER SONG: BY STUDENTS

WELCOME ADDRESS: BY STUDENT

FELICITATION: Dr. T. VEERASAMY,  
PRINCIPAL, BCSM

PRESIDENTIAL ADDRESS: Mrs. PUNITHA GANESAN, M.A., M. Phil., Ph.D.,  
SECRETARY,  
BHARATH GROUP OF INSTITUTIONS,  
THANJAVUR

CHIEF GUEST INTRODUCTION: BY STUDENT

KEY NOTE ADDRESS: Dr. V. ADISELVAM,  
HEAD & ASSISTANT PROFESSOR,  
DEPARTMENT OF COMPUTER APPLICATIONS,  
SENGAMALAR THIAYAR COLLEGE FOR WOMEN, MANNARGUDI

VOTE OF THANKS: BY STUDENT

NATIONAL ANTHEM: BY ALL

**ORGANIZING COMMITTEE**

**CHIEF PATRON**

Mrs. PUNITHA GANESAN, B.Sc., M.A.,  
Secretary,  
Bharath Group of Institutions, Thanjavur.

**PATRON**

Dr. T. VEERASAMY, M.A., M. Phil., Ph.D.,  
Principal, Bharath College of Science & Management,  
Thanjavur -5

**ORGANIZING CHAIR**

Prof. R. SUMITHRA, M.C.A., M. Phil.,  
Asst. Prof. & Head,  
PG Dept of COMPUTER SCIENCE

**ORGANIZING COORDINATORS**

1. Prof. S. NATARAJAN, M.Sc., M. Phil.,  
Assistant Professor (CS)
2. Prof. U. GOMATHI, M.S. (IT), M. Phil.,  
Assistant Professor (CS)
3. Prof. R. MURUGESAN, M.Sc., M. Phil.,  
Assistant Professor (CS)
4. Prof. R. ARUNKUMAR, M.Sc., M. Phil.,  
Assistant Professor (CS)



**BHARATH COLLEGE OF SCIENCE  
AND MANAGEMENT**

(UGC Recognized 2(F) & 12(B) Institution)  
(Affiliated to Bharathidasan University, Tiruchirappalli)  
Thanjavur-613005, Tamil Nadu, India

**ONE DAY SEMINAR ON  
WIRELESS & SENSOR SYSTEM**

**18<sup>th</sup> JULY 2019**

Organized By

PG DEPARTMENT OF COMPUTER SCIENCE

IN ASSOCIATION WITH IQAC

**RESOURCE PERSON**

**Dr. V. ADISELVAM,**

HEAD & ASST. PROF. IN COMPUTER APPLICATIONS,  
SENGAMALAR THIAYAR COLLEGE FOR WOMEN,  
MANNARGUDI.

SPONSORED BY

YOGA'S IT SOLUTIONS

### *About the College*

Bharath College of Science and Management affiliated to Bharathidasan University, Tiruchirappalli is functioning from the academic year 2000-2001. Bharath College is a self - financing college run by K. Nadimuthu Memorial Educational Trust and sanctioned by the Government of Tamilnadu vide G.O.No.168, Higher Education dt. 30.05.2000.

To promote patriotism in the young minds of our students, the college has been rightly named as Bharath College of Science and Management.

The vision of the college is to provide an idyllic environment of affection and care in the pursuit of knowledge. To contribute the excellence in technical education, scientific and research; to serve as a valuable resource for industry and society and remain a source of pride for inclusive growth of the society.

### *About the Department*

The Department Computer Science, was started in the year 2001. The academic activities of the departments are centered on teaching, seminar, workshops, physical activities., etc. completing a degree in Computer Science, Information Technology & Computer

Applications provides you a sense of accomplishment, career satisfaction and endless possibilities. The department strives to impart knowledge and enlighten the students in terms of all avenues and admit a diverse, talented and promising student body and prepare them for the competitive world and to fight for what they want.

The Department Association "BHARATH PHEONIX ASSOCIATION" to motivate and inculcate our younger generation about the innovation and challenges in computer science, by conducting the seminar, workshop, training program for both UG & PG students.

### *Mission and Vision*

Impart knowledge and enlighten the students in all avenues pertaining to computer science. Provide a firm foothold into the I.T. industries. Inculcate professional excellence logical thinking and analytical ability by giving exposures to application-oriented education. Focus on inculcating ethical value to the students.

### *About the Seminar*

This program makes the students understand the basics of wireless sensor networking systems, to learn the architecture of wireless sensor networks, to understand the

concepts of networking and networking in WSN, and also the hardware and software platforms and tool in WSN.

### *Invited participants*

- Faculties
- UG & PG Students

### *Registration*

The registration can be done on spot. All Correspondence regarding the seminar can be sent to

**Prof. R. SUMITHRA, M.C.A., M.Phil.**  
Organizing Chair

Mobile: 9442177963

E-mail: [bcsmcsdept@gmail.com](mailto:bcsmcsdept@gmail.com)

Phone: 04362 - 227937, 228081

[www.bharathcollege.edu.in](http://www.bharathcollege.edu.in)

[bharathcollege@gmail.com](mailto:bharathcollege@gmail.com)

**BHARATHCOLLEGE OF SCIENCE AND MANAGEMENT,**

(UGC Recognized 2(f) and 12(B) Institution)

(Affiliated to Bharathidasan university, Tiruchirapalli-24)

**PG DEPARTMENT OF COMPUTER SCIENCE**

**IN ASSOCIATION WITH IQAC**

**Organizes**

**ONE DAY SEMINAR ON**

**WIRELESS AND SENSOR SYSTEM**

**AGENDA**

**DATE : 18.07.2019**

**VENUE: SEMINAR HALL**



- Prayer song** : By Students
- Welcome Address** : Mr. P. Bharathi Seshan, II. M.Sc. (CS),  
Bharath College of Science and Management,  
Thanjavur.
- Felicitation** : Dr. T. Veerasamy,  
Principal, Bharath College of Science and Management,  
Thanjavur.
- Presidential Address** : Mrs. Punitha Ganesan. B.Sc., M.A.,  
Secretary, Bharath College of Science and Management,  
Thanjavur.
- Chief Guest Introduction** : Ms.T. Pandiammal, III. B.Sc.,(CS),  
Bharath College of Science and Management,  
Thanjavur.
- Keynote Address** : Dr. V. Adaiselvam,  
Assistant & Head in Computer Applications,  
Sengamala Thaiyar College for Women,  
Mannargudi.
- Vote of Thanks** : Mr. M.Zafar Ali, I M.Sc., (CS),  
Bharath College of Science and Management,  
Thanjavur.

**NATIONAL ANTHEM**

# BHARATH COLLEGE OF SCIENCE AND MANAGEMENT

(UGC Recognized 2(f) & 12(B) Institution)

THANJAVUR-5

## PG DEPARTMENT OF COMPUTER SCIENCE

ONE DAY SEMINAR ON WIRELESS SENSOR SYSTEM

### LIST OF PARTICIPANTS

DATE: 18.07.2019

S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
1	CB19S 193606	ADHITHYA. R	Adhithya
2	CB19S 193607	AHAMED NIYAS. A	Ahamed
3	CB19S 193608	AMARESHWAR. PS	Amreshwar
4	CB19S 193609	ANANDAN. K	Anandan
5	CB19S 193610	ANTORAGUNATH. P	Anto
6	CB19S 193611	BALAJI.V.R	Balaji
7	CB19S 193612	BHARATH. B. R. S	Bharath
8	CB19S 193613	BOOMINATHAN. R	Boominathan
9	CB19S 193614	BHUVANESH. A	Bhuvanesh
10	CB19S 193615	DEVARAJAN. S	Devarajan
11	CB19S 193616	ELAVARSAN. A	Elavarasan
12	CB19S 193617	ELAVARSAN. K	Elavarasan
13	CB19S 193618	EZHILARASAN. G	Ezhil
14	CB19S 193619	GNANASUNDHARI. R	Gnanasundari
15	CB19S 193620	GOMATHI. R	Gomathi
16	CB19S 193621	JAYAPRIYAN. J	Jayapriyan



S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
17	CB19S 193622	JAGADESH. P	Jagadesh
18	CB19S 193623	KARTHIK KUMAR. J.M.	Karthik
19	CB19S 193624	KARTHIK. S	Karthik
20	CB19S 193625	KARTHIKEYAN. K	Karthikeyan
21	CB19S 193626	KASI. S	Kasi
22	CB19S 193627	KATHIRVEL. G	Kathirvel
23	CB19S 193628	KIRUBAKARAN. M	Kiruban
24	CB19S 193629	MADHUBALA. B	Madhubala
25	CB19S 193630	MAHESWARAN. K	Maheshwar
26	CB19S 193631	MANIKANDAN. M	Manikandan
27	CB19S 193632	MANIKATHAYANITHI. M	Manikathay
28	CB19S 193633	MANOJKUMAR. S	Manojkumar
29	CB19S 193634	MOHAMED HAKKIM MOHSIN. M	Mohamed
30	CB19S 193635	MUKESH KANNAN. M	Mukesh
31	CB19S 193636	MUKILAN. P	Mukilan
32	CB19S 193637	PRABAKAR. L	Prabakar
33	CB19S 193638	PRAVEEN KUMAR. R	Praveen
34	CB19S 193639	RACHSON. S	Rachson
35	CB19S 193640	RAGUVARAN. R	Raguvaran
36	CB19S 193641	RANJITH. R	Ranjith
37	CB19S 193642	ROHIN AMALA RAJ. R	Rohin Amala



S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
38	CB19S 193643	SABARISH. S	<i>Sabarish S</i>
39	CB19S 193644	SANTHOSH. S	<i>Santhosh S</i>
40	CB19S 193645	SATHISH KUMAR. M	<i>Sathish Kumar M</i>
41	CB19S 193646	SHAHUL HAMEED. A	<i>Shahul Hameed A</i>
42	CB19S 193647	SIVA. N	<i>Siva N</i>
43	CB19S 193648	SIVASURIYA. P	<i>Siva P</i>
44	CB19S 193649	SORNA. P. V	<i>Sorna P V</i>
45	CB19S 193650	URUMAIYA. V	<i>Urumaiya V</i>
46	CB19S 193651	VENKATRAJ. B	<i>Venkatraj B</i>
47	CB19S 193652	VIGNESH. R	<i>Vignesh R</i>
48	CB19S 193653	VIGNESH. S	<i>Vignesh S</i>
49	CB18S 187996	AAKASH. M	<i>Aakash M</i>
50	CB18S 187997	ABISHEK. S	<i>Abishek S</i>
51	CB18S 187998	ARUNPRASATH. A	<i>Arunprasath A</i>
52	CB18S 187999	BARATH. G	<i>Barath G</i>
53	CB18S 188000	BARATHKISHORE. MJ	<i>Barath MJ</i>
54	CB18S 188001	CHANDRU. K	<i>Chandru K</i>
55	CB18S 188002	ESWARAN. P	<i>Eswaran P</i>
56	CB18S 188003	FYROSE AHAMED. M Y	<i>Fyrose M Y</i>
57	CB18S 188004	HAKKIM MOHAMED. A	<i>Hakkim Mohamed A</i>
58	CB18S 188006	HARIHARAN. R	<i>Harihara R</i>



S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
59	CB18S 188007	KARTHIKEYAN. N	Karthikeyan.
60	CB18S 188008	KAVIYA. S	Kaviya. S
61	CB18S 188009	MADHUMITHA. R	Madhumitha
62	CB18S 188010	MUKESH. K	Mukesh.
63	CB18S 188011	NANDHA KUMAR. M	Nandha
64	CB18S 188012	NANTHA KUMAR. S	Nantha
65	CB18S 188013	POOJA. S	Pooja
66	CB18S 188014	PRADEEP. R	Pradeep.
67	CB18S 188015	PRAVEEN. C	Praveen C
68	CB18S 188016	PRAVEENKUMAR. M	Praveen
69	CB18S 188017	PRITHIVIRAJ. R	Prithviraj.
70	CB18S 188018	RAVISH. S	Ravish
71	CB18S 188019	SABEER AHAMED.S	Sabeer
72	CB18S 188020	SANTHOSH. K	Santhosh.
73	CB18S 188022	SUJITH. P	Sujith
74	CB18S 188023	VENGATESHAN. S	Vengath
75	CB18S 188024	VIGNESH. A	Vignesh A.
76	CB18S 188025	VISHNU PRAKASH. R	Vishuprakash.
77	CB17S 182671	ABARNA R	Abarna
78	CB17S 182672	ABI R	Abi
79	CB17S 182673	AJMEER KHAN A	Ajmeer



S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
80	CB17S 182674	AKASH S	Akash S
81	CB17S 182677	BALAJI S	Balaji S
82	CB17S 182678	BRINDHA R	Brindha R
83	CB17S 182679	DIVAGAR R	Divagar R
84	CB17S 182680	ELANGO VAN V	Elango V
85	CB17S 182681	GAYATHRI M	Gayathri M
86	CB17S 182682	GOKILAN T	Gokilana T
87	CB17S 182683	GOPINATH R	Gopinath R
88	CB17S 182685	GRACE ROMALD BRITTO A	Grace Romald Britto A
89	CB17S 182686	HARISH R	Harish R
90	CB17S 182687	ITHRISH M	Ithrish M
91	CB17S 182688	MOHAMED BHARATHI J	Mohamed Bharathi J
92	CB17S 182689	MOHAN T	Mohan T
93	CB17S 182690	NAGARAJUN S	Nagarajun S
94	CB17S 182691	NITHISKUMAR R	Nithiskumar R
95	CB17S 182692	PALINIBHARATHI A	Palinibharathi A
96	CB17S 182693	PANDIAMMAL T	Pandiammal T
97	CB17S 182694	PRAKASH V	Prakash V
98	CB17S 182695	PRASANNA V	Prasanna V
99	CB17S 182696	PREETHI BAI R	Preethi Bai R
100	CB17S 182697	PRIYANKA K	Priyanka K

S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
101	CB17S 182698	PUGALENDI A	Pugale
102	CB17S 182699	RAJESH R	Rajesh R
103	CB17S 182700	RETHINA SAMY V	Rethina
104	CB17S 182701	RUTHRALINGAM P	Ruthralingam
105	CB17S 182702	SAKTHIVEL K	Sakthivel
106	CB17S 182703	SANTHIYA K	Santhiya
107	CB17S 182704	SATHOSH KUMAR P	Sathy
108	CB17S 182705	SATHISH KUMAR S	Sathish Kumar
109	CB17S 182706	SATHISRAJ A	Sathisraj A
110	CB17S 182707	SATHIYANARAYANAN V	Sathiy
111	CB17S 182708	SENTHIL KUMAR K	Senthil Kumar
112	CB17S 182709	SIVAKUMAR G	Sivakumar
113	CB17S 182711	SUREKA R	Sureka
114	CB17S 182712	SYED MOHAMED S	Syed Mohamed
115	CB17S 182713	TAJMAL BEGUM K	Tajmal Begum
116	CB17S 182716	VAIRAVAN S T	Vairavan
117	CB17S 182717	VEERAIYAN C	Veeraiyan
118	CB17S 182718	VIJAY A	Vijay
119	CB17S 182719	ARTHIM	Arthi
120	P 19272901	AJAY. S	Ajay
121	P 19272902	AJITH KUMAR. R	Ajith Kumar



S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
122	P 19272903	ANIS FATHIMA. K	ANIS FATHIMA
123	P 19272904	BHARANIDHARAN. C. G	Bharanidharan
124	P 19272906	GNANASEKAR. M	Gnanasekar
125	P 19272907	GUNASEKAR. K	Gunasekar
126	P 19272908	JAYA SUTHAN. S	Jaya
127	P 19272909	JAYASURYA. I	Jaya Surya
128	P 19272910	KARTHIKEYAN. K	Karthikeyan
129	P 19272911	MALAYARASAN. G	Malayarasan
130	P 19272912	MANIKANDAN. B	Manikandan
131	P 19272913	MUKESHKUMAR. S	Mukesh Kumar
132	P 19272914	MUTHURAMAN. R	Muthuraman
133	P 19272915	REVATHI. R	REVATHI .R.
134	P 19272916	SIVANANDAM. P	Sivanandam
135	P 19272917	SUBASH. K	Subash
136	P 19272918	SUDARSON. S. P	Sudarson
137	P 19272919	VAIRAPPAN. R	VAIRAPPAN.R
138	P 19272920	VEERAMANI. G	VEERAMANI.G
139	P 19272921	VIVEK. K	Vivek
140	P 19272922	ZAFFAR ALI. M	Zaffar
141	P 18270986	ARUNKUMAR. A	Arunkumar
142	P 18270987	BALAMURUGAN. S	Balamurugan



S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
143	P 18270988	BHARATHI SESHAN. P	<i>Ban</i>
144	P 18270989	GURUBHARATHI. S	<i>Gurubharathi</i>
145	P 18270990	HARI VINOOTH. S	<i>Kuj</i>
146	P 18270991	HARI HARAN. S	<i>HARI HARAN-S</i>
147	P 18270992	RAJESH. S	<i>Rajesh</i>
148	P 18270993	SUBBU RAJ. M	<i>Subbu Raj</i>



*[Signature]*  
PRINCIPAL  
Bharath College of Science and Management  
Bharath Avenue (Near New Bus Stand)  
THANJAVUR - 613 005.

PG Department of Computer Science in Association IQAC organized one day seminar on "Wireless & Sensor Systems" sponsored by Yoga IT Solutions, Thanjavur on 18<sup>th</sup> July 2019 at seminar hall. Totally 148 students and staff have participated and get benefitted. Dr. V. Adiselvam, Asst. Prof. & Head, Department of Computer Applications, Sengamala Thayar College for Women, Mannargudi, has invited as the resource person. The program was presided over by Mrs. Punitha Ganesan, B.Sc., M.A., Secretary, Bharath Group of Institutions. The program started with prayer song. Then welcome address was delivered by the student Mr. P. Bharathi Seshan, from II M.Sc. (CS). Dr. T. Veerasamy, Principal, Bharath College of Science and Management, Thanjavur, felicitated the program. Ms. T. Pandiammal from II B.Sc. (CS) has presented her chief guest introduction. The resource person presented his key note address on the basics of wireless sensor systems, technologies, the confidentiality, integrity, authentication and availability of the security goals towards the sensor network. Mr. M. Zafar Ali from I M.Sc. (CS) delivered his vote of thanks. The program has concluded with National Anthem.



PRINCIPAL

Bharath College of Science and Management  
Bharath Avenue (Near New Bus Stand)  
THANJAVUR - 613 005.



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**PG DEPARTMENT OF COMPUTER SCIENCE**

In Association with IQAC  
Organizes One Day Workshop on

# NETWORKS AND HACKING

**PRESIDED OVER BY**

**Mrs. PUNITHA GANESAN, B.Sc., M.A.**

Secretary

Bharath Group of Institutions,  
Thanjavur-05.

**RESOURCE PERSON**

**Prof. MOHAMMED ASLAM, M.Sc., M.A.**

Assistant Professor

Department of Computer Applications,  
Periyar Manjamma Institute of Science & Technology,  
Thanjavur.

**RELICITATION**

**Dr. T. VERRASAMY**

Principal

Bharath College of Science and Management,  
Thanjavur-05.

**Dr. K. KUMAR, M.COM, M.PHIL, M.B.A, NET, P.D.D.**

Principal

Bharath College of Science and Management,  
Thanjavur-05.

**Date : 18.03.2020**

Sponsored by YOGA'S IT SOLUTIONS

**ALL ARE CORDIALLY INVITED**

**BHARATH COLLEGE OF SCIENCE  
AND MANAGEMENT**

THANJAVUR-613005, TAMIL NADU.

**ONE DAY WORKSHOP ON  
NETWORKS AND HACKING**

**AGENDA**

TIME: 11.30 AM

PRAYER SONG: BY STUDENTS

WELCOME ADDRESS: BY STUDENT

FELICITATION: 1. Dr. T. VEERASAMY,

DIRECTOR, BCSM

2. Dr. K. KUMAR,

Principal, BCSM

PRESIDENTIAL

ADDRESS:

Mrs. PUNITHA GANESAN, M.A., M.Phil., Ph.D.,

SECRETARY,

BHARATH GROUP OF

INSTITUTIONS,

THANJAVUR

CHIEF GUEST

INTRODUCTION:

KEY NOTE ADDRESS:

Prof. MOHAMMED ASLAM,

M.C.A., M.Phil.

ASSISTANT PROFESSOR,

DEPARTMENT OF CA,

PERIYAR MANIAMMI INSTITUTE

OF SCIENCE & TECHNOLOGY,

THANJAVUR

VOTE OF THANKS:

BY STUDENT

NATIONAL ANTHEM:

BY ALL

**ORGANIZING COMMITTEE**

**CHIEF PATRON**

Mrs. PUNITHA GANESAN, B.Sc., M.A.,

Secretary,

Bharath Group of Institutions, Thanjavur.

**PATRON**

1. Dr. T. VEERASAMY, M.A., M. Phil., Ph.D.,

Director, Bharath College of Science & Management,

Thanjavur -5

2. Dr. K. KUMAR, M.Com., M.Phil., M.B.A., NET., Ph.D

Principal, Bharath College of Science & Management,

Thanjavur -5

**ORGANIZING CHAIR**

Prof. R. SUMITHRA, M.C.A., M. Phil.,

Asst. Prof. & Head,

PG Dept of COMPUTER SCIENCE

**ORGANIZING COORDINATORS**

1. Prof. S. NATARAJAN, M.Sc., M. Phil.,

Assistant Professor (CS)

2. Prof. U. GOMATHI, M.S. (IT), M. Phil.,

Assistant Professor (CS)

3. Prof. R. MURUGESAN, M.Sc., M. Phil.,

Assistant Professor (CS)

4. Prof. R. ARUNKUMAR, M.Sc., M. Phil.,

Assistant Professor (CS)



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AND MANAGEMENT**

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(Affiliated to Bharathidasan University, Tiruchirappalli)

Thanjavur-613005, Tamil Nadu, India

**ONE DAY WORKSHOP ON  
NETWORKS AND HACKING**

18<sup>th</sup> MARCH 2020

Organized By

PG DEPARTMENT OF COMPUTER SCIENCE

IN ASSOCIATION WITH IQAC

**RESOURCE PERSON**

Prof. MOHAMMED ASLAM, M.C.A., M.Phil.,

ASSISTANT PROFESSOR,

DEPARTMENT OF COMPUTER APPLICATIONS,

PERIYAR MANIAMMI INSTITUTE OF SCIENCE &

TECHNOLOGY, THANJAVUR

SPONSORED BY

YOGA'S IT SOLUTIONS

### ***About the College***

Bharath College of Science and Management affiliated to Bharathidasan University, Tiruchirappalli is functioning from the academic year 2000-2001. Bharath College is a self - financing college run by K. Nadimuthu Memorial Educational Trust and sanctioned by the Government of Tamilnadu vide G.O.No.168, Higher Education dt. 30.05.2000.

To promote patriotism in the young minds of our students, the college has been rightly named as Bharath College of Science and Management.

The vision of the college is to provide an idyllic environment of affection and care in the pursuit of knowledge. To contribute the excellence in technical education, scientific and research; to serve as a valuable resource for industry and society and remain a source of pride for inclusive growth of the society.

### ***About the Department***

The Department Computer Science, was started in the year 2001. The academic activities of the departments are centered on teaching, seminar, workshops, physical activities, etc. completing a degree in Computer Science, Information Technology & Computer

Applications provides you a sense of accomplishment, career satisfaction and endless possibilities. The department strives to impart knowledge and enlighten the students in terms of all avenues and admit a diverse, talented and promising student body and prepare them for the competitive world and to fight for what they want.

The Department Association "BHARATH PHEONIX ASSOCIATION" to motivate and inculcate our younger generation about the innovation and challenges in computer science, by conducting the seminar, workshop, training program for both UG & PG students.

### ***Mission and Vision***

Impart knowledge and enlighten the students in all avenues pertaining to computer science. Provide a firm foothold into the I.T. industries. Inculcate professional excellence logical thinking and analytical ability by giving exposures to application-oriented education. Focus on inculcating ethical value to the students.

### ***About the Workshop***

This workshop gives a student an insight of the hacking which consists of all the tools and techniques. Students get to work with the working professional in digital security field

and get to match up their knowledge and experience.

### ***Invited participants***

- Faculties
- UG & PG Students

### ***Registration***

The registration can be done on spot. All Correspondence regarding the seminar can be sent to

**Prof. R. SUMITHRA, M.C.A., M. Phil,**  
Organizing Chair

Mobile: 9442177963

E-mail: [bcsmcsdept@gmail.com](mailto:bcsmcsdept@gmail.com)

Phone: 04362 - 227937, 228081

[www.bharathcollege.edu.in](http://www.bharathcollege.edu.in)

[bharathcollege@gmail.com](mailto:bharathcollege@gmail.com)

**BHARATH COLLEGE OF SCIENCE AND MANAGEMENT,**

(UGC Recognized 2(f) and 12(B) Institution)

(Affiliated to Bharathidasan university, Tiruchirapalli-24)

PG DEPARTMENT OF COMPUTER SCIENCE

IN ASSOCIATION WITH IQAC

Organizes

*ONE DAY WORKSHOP ON*

*NETWORKS AND HACKING"*

*AGENDA*

DATE : 18.03.2020

VENUE: SEMINAR HALL

\*\*\*\*\*

- Prayer song : By Students
- Welcome Address : Mr. P. Bharathi Seshan, II. M.Sc. CS  
Bharath College of Science and Management, Thanjavur.
- Felicitation : Dr. T. Veerasamy,  
Director, Bharath College of Science and Management,  
Thanjavur.  
: Dr. K. Kumar, M.Com., MBA., M.Phil., Ph.D.,  
Principal, Bharath College of Science and Management,  
Thanjavur.
- Presidential Address : Mrs. Punitha Ganesan., B.Sc., M.A.,  
Secretary, Bharath College of Science and Management,  
Thanjavur.
- Chief Guest Introduction : Ms. T. Pandiammal, III. B.Sc. CS,  
Bharath College of Science and Management, Thanjavur.
- Keynote Address : Prof. Mohammed Aslam,  
Assistant Professor in Computer Science,  
Periyar Maniammai Institute of Science & Technology,  
Thanjavur.
- Vote of Thanks : Mr. M. Zafar Ali, I M.Sc. CS,  
Bharath College of Science and Management, Thanjavur.

NATIONAL ANTHEM

# BHARATH COLLEGE OF SCIENCE AND MANAGEMENT

(UGC Recognized 2(f) & 12(B) Institution)

THANJAVUR-5

PG DEPARTMENT OF COMPUTER SCIENCE

ONE DAY WORKSHOP ON NETWORKS AND HACKING

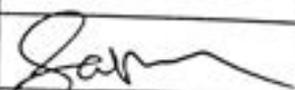
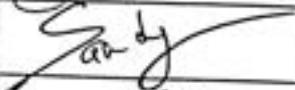
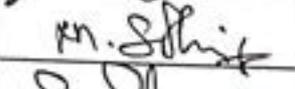
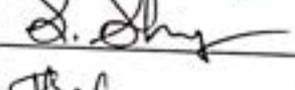
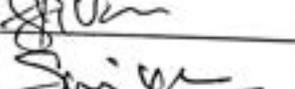
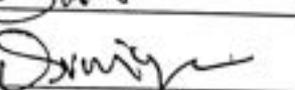
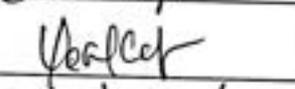
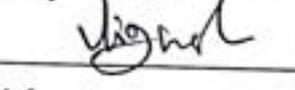
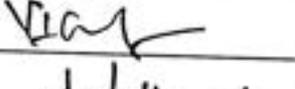
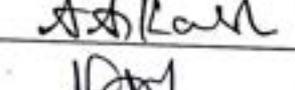
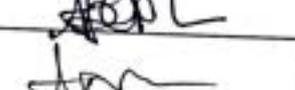
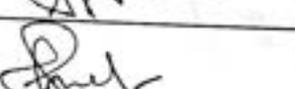
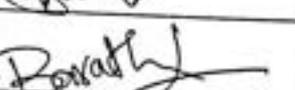
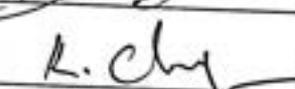
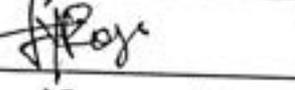
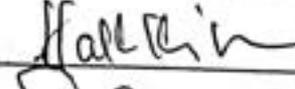
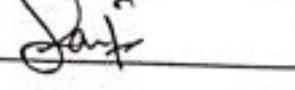
## LIST OF PARTICIPANTS

DATE: 18.03.2020

S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
1	CB19S 193606	ADHITHYA. R	
2	CB19S 193607	AHAMED NIYAS. A	
3	CB19S 193608	AMARESHWAR. PS	
4	CB19S 193609	ANANDAN. K	
5	CB19S 193610	ANTORAGUNATH. P	
6	CB19S 193611	BALAJI.V.R	
7	CB19S 193612	BHARATH. B. R. S	
8	CB19S 193613	BOOMINATHAN. R	
9	CB19S 193614	BHUVANESH. A	
10	CB19S 193615	DEVARAJAN. S	
11	CB19S 193616	ELAVARSAN. A	
12	CB19S 193617	ELAVARSAN. K	
13	CB19S 193618	EZHILARASAN. G	
14	CB19S 193619	GNANASUNDHARI. R	
15	CB19S 193620	GOMATHI. R	
16	CB19S 193621	JAYARAJAN. R	

S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
17	CB19S 193622	JAGADESH. P	Jagade
18	CB19S 193623	KARTHIK KUMAR. J.M.	Karthik
19	CB19S 193624	KARTHIK. S	Karthik
20	CB19S 193625	KARTHIKEYAN. K	Karthikeyan
21	CB19S 193626	KASI. S	Kasi
22	CB19S 193627	KATHIRVEL. G	Kathir
23	CB19S 193628	KIRUBAKARAN. M	Kirub
24	CB19S 193629	MADHUBALA. B	Madhubala
25	CB19S 193630	MAHESWARAN. K	Mahes
26	CB19S 193631	MANIKANDAN. M	Manik
27	CB19S 193632	MANIKATHAYANITHI. M	Manikath
28	CB19S 193633	MANOJKUMAR. S	Manojkumar
29	CB19S 193634	MOHAMED HAKKIM MOHSIN. M	Mohamed
30	CB19S 193635	MUKESH KANNAN. M	Mukesh
31	CB19S 193636	MUKILAN. P	Mukilan
32	CB19S 193637	PRABAKAR. L	Praba
33	CB19S 193638	PRAVEEN KUMAR. R	Praveen
34	CB19S 193639	RACHSON. S	Rachson
35	CB19S 193640	RAGUVARAN. R	Raguvan
36	CB19S 193641	RANJITH. R	Ranjith
37	CB19S 193642	ROHIN AMALA RAJ. R	Rohin



S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
38	CB19S 193643	SABARISH. S	
39	CB19S 193644	SANTHOSH. S	
40	CB19S 193645	SATHISH KUMAR. M	
41	CB19S 193646	SHAHUL HAMEED. A	
42	CB19S 193647	SIVA. N	
43	CB19S 193648	SIVASURIYA. P	
44	CB19S 193649	SORNA. P. V	
45	CB19S 193650	URUMAIYA. V	
46	CB19S 193651	VENKATRAJ. B	
47	CB19S 193652	VIGNESH. R	
48	CB19S 193653	VIGNESH. S	
49	CB18S 187996	AAKASH. M	
50	CB18S 187997	ABISHEK. S	
51	CB18S 187998	ARUNPRASATH. A	
52	CB18S 187999	BARATH. G	
53	CB18S 188000	BARATHKISHORE. MJ	
54	CB18S 188001	CHANDRU. K	
55	CB18S 188002	ESWARAN. P	
56	CB18S 188003	FYROSE AHAMED. M Y	
57	CB18S 188004	HAKKIM MOHAMED. A	
58	CB18S 188006	HARIHARAN. R	



S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
59	CB18S 188007	KARTHIKEYAN. N	Karthikeyan
60	CB18S 188008	KAVIYA. S	S. Kaviya
61	CB18S 188009	MADHUMITHA. R	Madhumitha
62	CB18S 188010	MUKESH. K	Mukesh
63	CB18S 188011	NANDHA KUMAR. M	Nandha Kumar
64	CB18S 188012	NANTHA KUMAR. S	Nantha Kumar
65	CB18S 188013	POOJA. S	S. Pooja
66	CB18S 188014	PRADEEP. R	Pradeep
67	CB18S 188015	PRAVEEN. C	Praveen C
68	CB18S 188016	PRAVEENKUMAR. M	Praveen Kumar
69	CB18S 188017	PRITHIVIRAJ. R	Prithviraj
70	CB18S 188018	RAVISH. S	S. Ravish
71	CB18S 188019	SABEER AHAMED.S	Sabeer Ahamed
72	CB18S 188020	SANTHOSH. K	Santhosh
73	CB18S 188022	SUJITH. P	P. Sujith
74	CB18S 188023	VENGATESHAN. S	Vengateshan
75	CB18S 188024	VIGNESH. A	Vignesh
76	CB18S 188025	VISHNU PRAKASH. R	Vishnu Prakash
77	CB17S 182671	ABARNA R	Abarna
78	CB17S 182672	ABI R	Abi
79	CB17S 182673	AJMEER KHAN A	Ajmeer Khan



S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
80	CB17S 182674	AKASH S	Akash
81	CB17S 182677	BALAJI S	Balaji
82	CB17S 182678	BRINDHA R	Brindha
83	CB17S 182679	DIVAGAR R	Divagar
84	CB17S 182680	ELANGO VAN V	Elango
85	CB17S 182681	GAYATHRI M	Gayathri
86	CB17S 182682	GOKILAN T	Gokilan
87	CB17S 182683	GOPINATH R	Gopinath
88	CB17S 182685	GRACE ROMALD BRITTO A	Grace
89	CB17S 182686	HARISH R	Harish
90	CB17S 182687	ITHRISH M	Ithrish
91	CB17S 182688	MOHAMED BHARATHI J	Mohamed
92	CB17S 182689	MOHAN T	Mohan
93	CB17S 182690	NAGARAJUN S	Nagarajun
94	CB17S 182691	NITHISKUMAR R	Nithiskumar
95	CB17S 182692	PALINIBHARATHI A	Palinibharathi
96	CB17S 182693	PANDIAMMAL T	Pandiammal
97	CB17S 182694	PRAKASH V	Prakash
98	CB17S 182695	PRASANNA V	Prasanna
99	CB17S 182696	PREETHI BAI R	Preethi
100	CB17S 182697	PRIYANKA K	Priyanka



S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
101	CB17S 182698	PUGALENDI A	<i>Pugalendi</i>
102	CB17S 182699	RAJESH R	<i>Rajesh</i>
103	CB17S 182700	RETHINA SAMY V	<i>Rethina</i>
104	CB17S 182701	RUTHRALINGAM P	<i>Ruth</i>
105	CB17S 182702	SAKTHIVEL K	<i>Sakthivel</i>
106	CB17S 182703	SANTHIYA K	<i>Santhiya</i>
107	CB17S 182704	SATHOSH KUMAR P	<i>Sathosh</i>
108	CB17S 182705	SATHISH KUMAR S	<i>Sathish</i>
109	CB17S 182706	SATHISRAJ A	<i>Sathisraj</i>
110	CB17S 182707	SATHIYANARAYANAN V	<i>Sathiyana</i>
111	CB17S 182708	SENTHIL KUMAR K	<i>Senthil</i>
112	CB17S 182709	SIVAKUMAR G	<i>Sivakar</i>
113	CB17S 182711	SUREKA R	<i>R. Sureka</i>
114	CB17S 182712	SYED MOHAMED S	<i>Syed</i>
115	CB17S 182713	TAJMAL BEGUM K	<i>Tajmal</i>
116	CB17S 182716	VAIRAVAN S T	<i>Vairavan</i>
117	CB17S 182717	VEERAIYAN C	<i>Veeraiyan</i>
118	CB17S 182718	VIJAY A	<i>Vijay</i>
119	CB17S 182719	ARTHI.M	<i>Arthi</i>
120	P 19272901	AJAY. S	<i>Ajay</i>
121	P 19272902	AJITH KUMAR. R	<i>Ajith</i>



S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
122	P 19272903	ANIS FATHIMA. K	Anis
123	P 19272904	BHARANIDHARAN. C. G	Bhan
124	P 19272906	GNANASEKAR. M	Gnan
125	P 19272907	GUNASEKAR. K	Guna
126	P 19272908	JAYA SUTHAN. S	Jaya
127	P 19272909	JAYASURYA. I	Jayasurya
128	P 19272910	KARTHIKEYAN. K	Karthikeyan
129	P 19272911	MALAYARASAN. G	Malayarasan
130	P 19272912	MANIKANDAN. B	Manikandan
131	P 19272913	MUKESHKUMAR. S	Mukesh
132	P 19272914	MUTHURAMAN. R	Muthuraman
133	P 19272915	REVATHI. R	Revathi
134	P 19272916	SIVANANDAM. P	Sivanandan
135	P 19272917	SUBASH. K	Subash
136	P 19272918	SUDARSON. S. P	Sudarson
137	P 19272919	VAIRAPPAN. R	Vairappan
138	P 19272920	VEERAMANI. G	Veeramani
139	P 19272921	VIVEK. K	Vivek
140	P 19272922	ZAFFAR ALI. M	Zaffar
141	P 18270986	ARUNKUMAR. A	Arunkumar
142	P 18270987	BALAMURUGAN. S	Balamurugan

S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
143	P 18270988	BHARATHI SESHAN. P	<i>[Handwritten Signature]</i>
144	P 18270989	GURUBHARATHI. S	<i>[Handwritten Signature]</i>
145	P 18270990	HARI VINOTH. S	<i>[Handwritten Signature]</i>
146	P 18270991	HARI HARAN. S	<i>[Handwritten Signature]</i>
147	P 18270992	RAJESH. S	<i>[Handwritten Signature]</i>
148	P 18270993	SUBBU RAJ. M	<i>[Handwritten Signature]</i>



*[Handwritten Signature]*

PRINCIPAL

Bharath College of Science and Management  
Bharath Avenue (Near New Bus Stand)  
THANJAVUR - 613 005.

**BHARATH COLLEGE OF SCIENCE AND MANAGEMENT,**

**THANJAVUR - 5**

**(UGC Recognized 2(f) & 12(B) Institution)**

**(Affiliated to Bharathidasan University, Tiruchirappalli - 24)**

**PG DEPARTMENT OF COMPUTER SCIENCE**

**REPORT**



PG Department of Computer Science in Association IQAC organized one day workshop on "Networks and Hacking" sponsored by Yoga IT Solutions, Thanjavur on 18<sup>th</sup> March 2020 at seminar hall. Totally 140 students and staff have participated and get benefitted. Dr. Prof. Mohammed Aslam, M.C.A., M.phil., Asst. Prof., Department of Computer Applications, Periyar Maniammai Institute of Science & Technology, Thanjavur has invited as the resource person. The program was presided over by Mrs. Punitha Ganesan, B.Sc., M.A., Secretary, Bharath Group of Institutions. The program started with prayer song. Then welcome address was delivered by the student Mr. P. Bharathi Seshan, from II M.Sc. (CS).

Dr. T. Veerasamy, Director and Dr. K. Kumar, M.Com., M.Phil., M.B.A., NET, Ph.D., Principal, Bharath College of Science and Management, Thanjavur, felicitated the program. Ms. T. Pandiammal from II B.Sc. (CS) has presented her chief guest introduction. In this workshop the resource person demonstrate how hackers can hack into smart phone, website hacking and admin panel bypass, undetectable virus which can steal data, developing technologies, and safety measures and social media hacks and many other concepts. Mr. M. Zafar Ali from I M.Sc. (CS) delivered his vote of thanks. The program has concluded with National Anthem.



*[Signature]*  
PRINCIPAL

Bharath College of Science and Management  
Bharath Avenue (Near New Bus Stand)  
THANJAVUR - 613 005.



**Bharath College of Science and Management**  
(UGC Recognized 2(f) & 12(B) Institution)  
Affiliated to Bharathidasan University, Tiruchirappalli,  
Thanjavur - 613005.

**Department of Computer Science**

**In Association with IQAG**

**Organizes**

**One day Seminar on**

**" 4G TECHNOLOGIES AND IOT "**



**PRESIDED OVER BY**

Mrs. PUNITHA GANESAN, B.Sc., M.A.  
Secretary,  
Bharath Group of Institutions,  
Thanjavur-05.

**RESOURCE PERSON**

Dr. Ramkumar Krishnamoorthy  
Assistant Professor,  
Department of Computer Science,  
Faculty of Science & Technology,  
Vishwakarma University, Pune.

**FELICITATION**

Dr. T. VEERASAMY,  
Director,  
Bharath College of Science and  
Management, Thanjavur-05.

Dr. K. KUMAR, B.Sc., M.Phil., M.A., M.Tech., Ph.D.  
Principal,  
Bharath College of Science and  
Management, Thanjavur-05.

**Date : 10.02.2021**

**Venue : Seminar Hall**

**Sponsored by Yoga IT Solutions**

**ALL ARE CORDIALLY INVITED**

**BHARATH COLLEGE OF SCIENCE AND  
MANAGEMENT**

THANJAVUR-613005, TAMIL NADU

**ONE DAY SEMINAR ON  
4G TECHNOLOGIES AND IoT**

**AGENDA**

TIME: 11:30 AM

PRAYER SONG:

BY STUDENTS

WELCOME ADDRESS:

BY STUDENT

FELICITATION:

- 1. Dr. T. VEERASAMY,  
DIRECTOR, BCNM
- 2. Dr. K. KUMAR,  
PRINCIPAL, BCNM

PRESIDENTIAL  
ADDRESS:

Mrs. PUNITHA GANESAN, M.A.,  
SECRETARY,

BHARATH GROUP OF  
INSTITUTIONS,  
THANJAVUR

CHIEF GUEST  
INTRODUCTION:

BY STUDENT

KEY NOTE ADDRESS:

Dr. RAMKUMAR KRISHNAMOORTHY,  
ASSISTANT PROFESSOR IN CS,  
FACULTY OF SCIENCE & TECHNOLOGY,  
VISWAKARMA UNIVERSITY, PUNE.

VOTE OF THANKS:

BY STUDENT

NATIONAL ANTHEM:

BY ALL

**ORGANIZING COMMITTEE**

**CHIEF PATRON**

Mrs. PUNITHA GANESAN, B.Sc., M.A.,  
Secretary,  
Bharath Group of Institutions, Thanjavur.

**PATRON**

Dr. T. VEERASAMY, M.A., M. Phil., Ph.D.,  
Director, Bharath College of Science & Management,  
Thanjavur -5

Dr. K. KUMAR, M.Com., M.Phil., M.B.A., NET., Ph.D.,  
Principal, Bharath College of Science & Management,  
Thanjavur -5

**ORGANIZING CHAIR**

Prof. R. SUMITHRA, M.C.A., M. Phil.,  
Asst. Prof. & Head,  
PG Dept of COMPUTER SCIENCE

**ORGANIZING COORDINATORS**

- 1. Prof. S. NATARAJAN, M.Sc., M. Phil.,  
Assistant Professor (CS)
- 2. Prof. U. GOMATHI, M.S. (IT), M. Phil.,  
Assistant Professor (CS)
- 3. Prof. R. MURUGESAN, M.Sc., M. Phil.,  
Assistant Professor (CS)
- 4. Prof. R. ARUNKUMAR, M.Sc., M. Phil.,  
Assistant Professor (CS)



**BHARATH COLLEGE OF SCIENCE  
AND MANAGEMENT**

(UGC Recognized 20 & 12(B) Institution)  
(Affiliated to Bharathidasan University, Tiruchirappalli)  
Thanjavur-613005, Tamil Nadu, India

**ONE DAY SEMINAR ON  
4G TECHNOLOGIES AND IoT**

10<sup>th</sup> FEBRUARY 2021

Organized By

DEPARTMENT OF COMPUTER SCIENCE,  
INFORMATION TECHNOLOGY &  
COMPUTER APPLICATIONS

IN ASSOCIATION WITH IQAC

**RESOURCE PERSON**

**Dr. RAMKUMAR KRISHNAMOORTHY,**  
ASSISTANT PROFESSOR IN CS,  
FACULTY OF SCIENCE & TECHNOLOGY,  
VISWAKARMA UNIVERSITY, PUNE.

SPONSORED BY

**YOGA IT SOLUTIONS**

### ***About the College***

Bharath College of Science and Management affiliated to Bharathidasan University, Tiruchirappalli is functioning from the academic year 2000-2001. Bharath College is a self - financing college run by K. Nadimuthu Memorial Educational Trust and sanctioned by the Government of Tamilnadu vide G.O.No.168, Higher Education dt. 30.05.2000.

To promote patriotism in the young minds of our students, the college has been rightly named as Bharath College of Science and Management.

The vision of the college is to provide an idyllic environment of affection and care in the pursuit of knowledge. To contribute the excellence in technical education, scientific and research; to serve as a valuable resource for industry and society and remain a source of pride for inclusive growth of the society.

### ***About the Department***

The Department Computer Science, was started in the year 2001. The academic activities of the departments are centered on teaching, seminar, workshops, physical activities., etc. completing a degree in Computer Science, Information Technology & Computer

Applications provides you a sense of accomplishment, career satisfaction and endless possibilities. The department strives to impart knowledge and enlighten the students in terms of all avenues and admit a diverse, talented and promising student body and prepare them for the competitive world and to fight for what they want.

The Department Association "**BHARATH PHEONIX ASSOCIATION**" to motivate and inculcate our younger generation about the innovation and challenges in computer science, by conducting the seminar, workshop, training program for both UG & PG students.

### ***Mission and Vision***

Impart knowledge and enlighten the students in all avenues pertaining to computer science. Provide a firm foothold into the I.T. Industries. Inculcate professional excellence logical thinking and analytical ability by giving exposures to application-oriented education. Focus on inculcating ethical value to the students.

### ***About the Seminar***

This seminar focused on obtaining knowledge on the features of 4G Technologies with 4G download speeds, wireless users can stream high-definition video and audio which

enables wireless broadband, which provides a way for users to get internet connectivity without the need for a fixed, wired connection from an internet service provider (ISP) and the fundamentals about IoT, IoT access technologies.

### ***Invited participants***

- Faculties
- UG & PG Students

### ***Registration***

The registration can be done on spot. All Correspondence regarding the seminar can be sent to

**Prof. R. SUMITHRA, M.C.A., M. Phil,**  
Organizing Chair

Mobile: 9442177963

E-mail: [bsmesdept@gmail.com](mailto:bsmesdept@gmail.com)

Phone: 04362 - 227937, 228081

[www.bharathcollege.edu.in](http://www.bharathcollege.edu.in)

[bharathcollege@gmail.com](mailto:bharathcollege@gmail.com)

**BHARATH COLLEGE OF SCIENCE AND MANAGEMENT,**

(UGC Recognized 2(f) and 12(B) Institution)

(Affiliated to Bharathidasan university, Tiruchirappalli-24)

**PG DEPARTMENT OF COMPUTER SCIENCE**

**IN ASSOCIATION WITH IQAC**

*Organize*

*ONE DAY SEMINAR ON*

**4G TECHNOLOGIES AND IOT**

**AGENDA**

**VENUE: SEMINAR HALL**

**DATE : 10.02.2021**

\*\*\*\*\*

**Prayer song** : By Students

**Welcome Address** : Mr. M. Zafar Ali, II M.Sc. (CS),  
Bharath College of Science and Management, Thanjavur.

**Felicitation** : Dr. T. Veerasamy,  
Director, Bharath College of Science and Management,  
Thanjavur.

: Dr. K. Kumar, M.Com, MBA, M.Phil., Ph.D.,  
Principal, Bharath College of Science and Management,  
Thanjavur.

**Presidential Address** : Mrs. Punitha Ganesan, B.Sc., M.A.,  
Secretary, Bharath College of Science and Management,  
Thanjavur.

**Chief Guest Introduction** : Mr. S. Ravish, III B.Sc.(CS),  
Bharath College of Science and Management, Thanjavur.

**Keynote Address** : Dr. Ramkumar Krishnamoorthy,  
Assistant Professor in CS,

Faculty of Science & Technology,  
Viswakarma University, Pune.

**Vote of Thanks** : Ms. K. Navrin Baanu, I M.Sc. (CS),  
Bharath College of Science and Management,  
Thanjavur.

**NATIONAL ANTHEM**

# BHARATH COLLEGE OF SCIENCE AND MANAGEMENT

(UGC Recognized 2(F) & 12(B) Institution)

THANJAVUR-5

## PG DEPARTMENT OF COMPUTER SCIENCE

ONE DAY SEMINAR ON 4G TECHNOLOGIES & IoT

### LIST OF PARTICIPANTS

DATE: 10.02.2021

S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
1	CB20S 199597	ABDUL BASITH, M	
2	CB20S 199598	ABISHEK, S	
3	CB20S 199599	AJITH KUMAR, V	
4	CB20S 199600	AKASH, I	
5	CB20S 199601	ARAVINTHAN, V	
6	CB20S 199602	BALAMURUGAN, S	
7	CB20S 199603	DEENADAYALAN, P	
8	CB20S 199604	JAMES ANTONY SAHAYARAJ, S	
9	CB20S 199605	JAMES KUMAR, P	
10	CB20S 199606	JAYASABARI, G	
11	CB20S 199607	JENIFAR JOSPHINE RANI, S	
12	CB20S 199608	JOSE WACHRISTOPHER RAJ, B	
13	CB20S 199609	KABILESH, M, J	
14	CB20S 199610	KARTHIK RAJA, B	
15	CB20S 199611	MOHAMED ANSHIK, K	
16	CB20S 199612	MUTHURAMAN, M	



S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
17	CB20S 199613	NITHISH N	N. Nithish
18	CB20S 199614	NIVAS S	N. Nivas
19	CB20S 199615	PANDEESWARL G	P. Pandeeswar
20	CB20S 199616	PERVEASH MOHAMED .N	P. Perveash Moh
21	CB20S 199617	PRASANTH R	P. Prasant
22	CB20S 199618	PRIYANKA E	P. Priyanka
23	CB20S 199619	SALMAN FARAS S	S. Salman Faras
24	CB20S 199620	SANDHIYA R	S. Sandhya
25	CB20S 199621	SATHISH KUMAR V	S. Sathish Kumar
26	CB20S 199622	SATHYASEELAN M	S. Sathyaseelan
27	CB20S 199623	SHARMILA M	S. Sharmila
28	CB20S 199624	SIVANESHWARAN R	S. Sivaneswaran
29	CB20S 199625	SIVAYALINI P	S. Sivayalini
30	CB20S 199626	SOBIKA J	S. Sobika
31	CB20S 199627	SOWMIYA L	S. Sowmiya
32	CB20S 199628	THAMILMANI B	T. Thamilmani
33	CB20S 199629	VIGNESH KUMAR M	V. Vignesh Kumar
34	CB19S 193606	ADHITHYA R	A. Adhithya
35	CB19S 193607	AHAMED NIYAS A	A. Ahamed Niyas
36	CB19S 193608	AMARESHWAR PS	A. Amareshwar
37	CB19S 193609	ANANDAN K	A. Anandan



S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
38	CB19S 193610	ANTORAGUNATH P	<i>Antoragunath P</i>
39	CB19S 193611	BALAJI.V.R	<i>Balaji V R</i>
40	CB19S 193612	BHARATHI. B. R. S	<i>Bharathi B R S</i>
41	CB19S 193613	BOOMINATHAN. R	<i>Boominathan R</i>
42	CB19S 193614	BHUVANESH. A	<i>Bhuvanesh A</i>
43	CB19S 193615	DEVARAJAN. S	<i>Devarajan S</i>
44	CB19S 193616	ELAVARSAN. A	<i>Elavarsan A</i>
45	CB19S 193617	ELAVARSAN. K	<i>Elavarsan K</i>
46	CB19S 193618	EZHILARASAN. G	<i>Ezhilarasan G</i>
47	CB19S 193619	GNANASUNDHARI. R	<i>Gnanasundhari R</i>
48	CB19S 193620	GOMATHI. R	<i>Gomathi R</i>
49	CB19S 193621	JAYAPRIYAN. J	<i>Jayapriyan J</i>
50	CB19S 193622	JAGADESH. P	<i>Jagadesh P</i>
51	CB19S 193623	KARTHIK KUMAR. J.M.	<i>Karthik Kumar J M</i>
52	CB19S 193624	KARTHIK. S	<i>Karthik S</i>
53	CB19S 193625	KARTHIKEYAN. K	<i>Karthikeyan K</i>
54	CB19S 193626	KASI. S	<i>Kasi S</i>
55	CB19S 193627	KATHIRVEL. G	<i>Kathirvel G</i>
56	CB19S 193628	KIRUBAKARAN. M	<i>Kirubakaran M</i>
57	CB19S 193629	MADHUBALA. B	<i>Madhubala B</i>
58	CB19S 193630	MAHESWARAN. K	<i>Maheswaran K</i>



S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
59	CB19S 193631	MANIKANDAN. M	<i>Manikandan</i>
60	CB19S 193632	MANIKATHAYANITHI. M	<i>Manikathayanithi</i>
61	CB19S 193633	MANOJKUMAR. S	<i>Manojkumar</i>
62	CB19S 193634	MOHAMED HAKKIM MOHISIN. M	<i>Mohamed Hakkim Mohisin</i>
63	CB19S 193635	MUKESH KANNAN. M	<i>Mukesh Kannan</i>
64	CB19S 193636	MUKILAN. P	<i>Mukilan</i>
65	CB19S 193637	PRABAKAR. L	<i>Prabakar</i>
66	CB19S 193638	PRAVEEN KUMAR. R	<i>Praveen Kumar</i>
67	CB19S 193639	RACHSON. S	<i>Rachson</i>
68	CB19S 193640	RAGUVARAN. R	<i>Raguvaran</i>
69	CB19S 193641	RANJITH. R	<i>Ranjith</i>
70	CB19S 193642	ROHIN AMALA RAJ. R	<i>Rohini</i>
71	CB19S 193643	SABARISH. S	<i>Sabarish</i>
72	CB19S 193644	SANTHOSH. S	<i>Santhosh</i>
73	CB19S 193645	SATHISH KUMAR. M	<i>Sathish Kumar</i>
74	CB19S 193646	SHAHUL HAMEED. A	<i>Shahul Hameed</i>
75	CB19S 193647	SIVA. N	<i>Siva</i>
76	CB19S 193648	SIVASURIYA. P	<i>Sivasuriya</i>
77	CB19S 193649	SORNA. P. V	<i>Sorna</i>
78	CB19S 193650	URUMAIYA. V	<i>Urumaiya</i>
79	CB19S 193651	VENKATRAJ. B	<i>Venkatraj</i>



S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
80	CB19S 193652	VIGNESH. R	VIGNESH. R.
81	CB19S 193653	VIGNESH. S	VIGNESH.
82	CB18S 187996	AAKASH. M	AAKASH. M
83	CB18S 187997	ABISHEK. S	ABISHEK.
84	CB18S 187998	ARUNPRASATH. A	Arasath.A
85	CB18S 187999	BARATH. G	BARATH. G
86	CB18S 188000	BARATHIKISHORE. MJ	Barath.MJ
87	CB18S 188001	CHANDRU. K	CHANDRU.
88	CB18S 188002	ESWARAN. P	ESWARAN.P
89	CB18S 188003	FYROSE AHAMED. MY	Fyrose.MY
90	CB18S 188004	HAKKIM MOHAMED. A	HAKKIM.
91	CB18S 188006	HARIHARAN. R	HARIHARAN.R
92	CB18S 188007	KARTHIKEYAN. N	Karthik.
93	CB18S 188008	KAVIYA. S	KAVIYA.S
94	CB18S 188009	MADHUMITHA. R	Madhumitha.R
95	CB18S 188010	MUKESH. K	MUKESH.K
96	CB18S 188011	NANDHA KUMAR. M	Nandha.M
97	CB18S 188012	NANTHA KUMAR. S	Nanathas.
98	CB18S 188013	POOJA. S	Pooja.S
99	CB18S 188014	PRADEEP. R	PRADEEP.R
100	CB18S 188015	PRAVEEN. C	Praveen.C



S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
101	CB18S 188016	PRAVEENKUMAR. M	Praveen.M
102	CB18S 188017	PRITHIVIRAJ. R	PRITHIVIRAJ
103	CB18S 188018	RAVISH. S	RAVISH
104	CB18S 188019	SABEER AHAMED.S	Sabeer.S
105	CB18S 188020	SANTHOSH. K	SANTHOSH
106	CB18S 188022	SUJITH. P	SUJITH.P
107	CB18S 188023	VENGATESHAN. S	Vengateshan
108	CB18S 188024	VIGNESH. A	VIGNESH
109	CB18S 188025	VISHNU PRAKASH. R	VISHNU.P.R
110	P 20273405	ARJUN. K	ARJUN
111	P 20273406	AYSHWARYA. P	Ayshwarya.P
112	P 20273407	BRINDHA. R	BRINDHA.R
113	P 20273408	DIVAGAR. R	DIVAGAR.R
114	P 20273409	ELANGOVAN. V	Elango.V
115	P 20273410	GOKILAN. T	GOKILAN
116	P 20273411	GRACE ROMALD BRITTO. A	GRACE.A
117	P 20273412	GUHAN. S	GUHAN
118	P 20273413	HARISH. R	HARISH.R
119	P 20273414	JAGADEESH SAGAR. K	JAGAR.K
120	P 20273415	KARTHIK. T	KARTHIK
121	P 20273416	KARTHIKA. S	Karthik.S



S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
122	P 20273417	KRISHNAPRIYA. K	krishna.k
123	P 20273418	NANCY BRINTHA. I	nancy Brinth
124	P 20273419	NASRIN BAANU. K	baanu.k
125	P 20273420	PREETHI BAL. R	preethiba.r
126	P 20273421	PRIYANKA. K	pryanka
127	P 20273422	PUGALENDI. A	pugale
128	P 20273423	RAJESH. R	RAJESH
129	P 20273424	RAMANI. S	RAMANI
130	P 20273425	RUTHRALINGAM. P	ruthra.p
131	P 20273426	SAKTHIVEL. K	Sakthi.k
132	P 20273427	SANTHOSH KUMAR. P	santhosh.k
133	P 20273428	SATHISH KUMAR. S	sathish.s
134	P 20273429	SATHISH RAJ. A	SATHISH RAJ.
135	P 20273430	SATHYA NARAYANAN. V	Sathiyen
136	P 20273431	SUGANYA. G	Suganya G
137	P 20273432	SYED MOHAMED. S	mohtamed.s
138	P 20273433	VAIRAVAN. S. T	VAIRAVAN.
139	P 20273434	VEERAMANI. M	veeramani.m
140	P 20273435	VIJAY. A	vijay.
141	P 19272901	AJAY. S	Ajay.
142	P 19272902	AJITH KUMAR. R	Ajitha.r



S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
143	P 19272903	ANIS FATHIMA. K	Anis Fathima
144	P 19272904	BHARANIDHARAN. C. G	Bharanidharan C.G
145	P 19272906	GNANASEKAR. M	Gnanasekar
146	P 19272907	GUNASEKAR. K	
147	P 19272908	JAYA SUTHAN. S	Jaya Suthan
148	P 19272909	JAYASURYA. I	Jayasurya I
149	P 19272910	KARTHIKEYAN. K	Karthikeyan K
150	P 19272911	MALAYARASAN. G	Malayarasan G
151	P 19272912	MANIKANDAN. B	Manikandan B
152	P 19272913	MUKESHKUMAR. S	Mukesh S
153	P 19272914	MUTHURAMAN. R	Muthuraman R
154	P 19272915	REVATHI. R	Revathi R
155	P 19272916	SIVANANDAM. P	Sivanandam P
156	P 19272917	SUBASH. K	Subash
157	P 19272918	SUDARSON. S. P	Sudarson S.P
158	P 19272919	VAIRAPPAN. R	Vairappan R
159	P 19272920	VEERAMANI. G	Veeramani
160	P 19272921	VIVEK. K	Vivek
161	P 19272922	ZAFFAR ALI. M	Zaffar Ali M



*[Handwritten signature]*

PRINCIPAL

Bharath College of Science and Management  
Bharath Avenue (Near New Bus Stand)  
THANJAVUR - 613 005.

**BHARATH COLLEGE OF SCIENCE AND MANAGEMENT,  
THANJAVUR - 5**

(UGC Recognized 2(f) & 12(B) Institution)  
(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

**PG DEPARTMENT OF COMPUTER SCIENCE**

**REPORT**



PG Departments of Computer Science, in Association IQAC organized one day seminar on "4G Technologies and IoT" sponsored by Yoga IT Solutions, Thanjavur on 10<sup>th</sup> February 2021 at seminar hall. Totally 161 students have participated and get benefitted. **Dr. Ramkumar Krishnamoorthy, Faculty of Science & Technology, Viswakarma University, Pune** has invited as the resource person. The program was presided over by **Mrs. Punitha Ganesan, B.Sc., M.A., Secretary, Bharath Group of Institutions**. The program started with prayer song. Then welcome address was delivered by the student **Mr. M. Zafar Ali, from II M.Sc. (CS)**. **Dr. T. Veerasamy, Director and Dr. K. Kumar, M.Com., M.Phil., M.B.A., NET, Ph.D., Principal, Bharath College of Science and Management, Thanjavur**, felicitated the program. **Mr. S. Ravish from III B.Sc. (CS)** has presented his chief guest introduction. The resource person focused on the overview of the Internet of Things in 4G technologies. Also shared his views on machine type communication, technical specifications etc. The seminar successfully completed by understanding more information on 4G Technologies and IoT. **Ms. K. Nasrin Baanu from I M.Sc. (CS)** delivered his vote of thanks. The program has concluded with National Anthem.



  
PRINCIPAL

Bharath College of Science and Management  
Bharath Avenue, Near New Bus Stand,  
THANJAVUR - 613 005.



**Bharath College of Science and Management**  
(UGC Recognized 2(F) & 12(B) Institution)  
Affiliated to Bharathidasan University, Tiruchirappalli,  
Thanjavur - 613005.

## **PG Department of Computer Science**

In Association with IOAC  
Organizes  
**One Day Workshop on**

### **Android Application Development**

**PRESIDED OVER BY**

**Mrs. PUNITHA GANESAN, M.Sc., M.A.,**

Secretary  
Bharath Group of Institutions  
Thanjavur-05.

**RESOURCE PERSON**

**Dr. T. Bhaskaran,**

Assistant Professor,  
Department of Computer Science,  
AVVM Pudupattinam College,  
Pondicherry.

**FELICITATION**

**Dr. T. VEERASAMY,**

Director  
Bharath College of Science  
and Management,  
Thanjavur-05.

**Dr. K.KUMAR, M.Com, M.Phil, M.A., M.Ed.**

Principal,  
Bharath College of Science  
and Management,  
Thanjavur-05.

**Date : 08.04.2021**

**Venue : Seminar Hall**

Sponsored by Yoga IT Solutions

**ALL ARE CORDIALLY INVITED**

**BHARATH COLLEGE OF SCIENCE AND  
MANAGEMENT**

THANJAVUR-613005, TAMIL NADU

**ONE DAY WORKSHOP ON  
ANDROID APPLICATION DEVELOPMENT**

**AGENDA**

TIME: 11.30 AM

PRAYER SONG:	BY STUDENTS
WELCOME ADDRESS:	BY STUDENT
FELICITATION:	1. Dr. T. VEERASAMY, DIRECTOR, BCSM 2. Dr. K. KUMAR, PRINCIPAL, BCSM
PRESIDENTIAL ADDRESS:	Mrs. PUNITHA GANESAN, <i>et al.</i> SECRETARY, BHARATH GROUP OF INSTITUTIONS, THANJAVUR
CHIEF GUEST INTRODUCTION:	BY STUDENT
KEY NOTE ADDRESS:	Dr. T. BASKARAN, ASST. PROF., DEPT. OF CS, AYYAR SRI PUSHPAM COLLEGE, POONDHUR
VOLE OF THANKS:	BY STUDENT
NATIONAL ANTHEM:	BY ALL

**ORGANIZING COMMITTEE**

**CHIEF PATRON**

Mrs. PUNITHA GANESAN, B.Sc., M.A.,  
Secretary,  
Bharath Group of Institutions, Thanjavur.

**PATRON**

Dr. T. VEERASAMY, M. A., M. Phil., Ph.D.,  
Director, Bharath College of Science & Management,  
Thanjavur -5

Dr. K. KUMAR, M.Com., M.Phil., M.B.A., NET., Ph.D.,  
Principal, Bharath College of Science & Management,  
Thanjavur -5

**ORGANIZING CHAIR**

Prof. R. SUMITHRA, M.C.A., M. Phil.,  
Asst. Prof. & Head,  
PG Dept of COMPUTER SCIENCE

**ORGANIZING COORDINATORS**

1. Prof. R. MURUGESAN, M.Sc., M. Phil.,  
Assistant Professor (CS)
2. Prof. B. ARUNKUMAR, M.Sc., M. Phil.,  
Assistant Professor (CS)



**BHARATH COLLEGE OF SCIENCE  
AND MANAGEMENT**

(UGC Recognized 2(f) & 12(B) Institution)  
(Affiliated to Bharathidasan University, Tiruchirappalli)  
Thanjavur-613005, Tamil Nadu, India

**ONE DAY WORKSHOP ON  
ANDROID APPLICATION DEVELOPMENT**

**08<sup>th</sup> APRIL 2021**

Organized By

**PG DEPARTMENT OF COMPUTER SCIENCE**

**IN ASSOCIATION WITH IQAC**

**RESOURCE PERSON**

**Dr. T. BASKARAN,**

ASSISTANT PROFESSOR,  
DEPARTMENT OF COMPUTER SCIENCE,  
AYYAR SRI PUSHPAM COLLEGE, POONDHUR

SPONSORED BY  
**YOGA IT SOLUTIONS**

### *About the College*

Bharath College of Science and Management affiliated to Bharathidasan University, Tiruchirappalli is functioning from the academic year 2000-2001. Bharath College is a self - financing college run by K. Nadimuthu Memorial Educational Trust and sanctioned by the Government of Tamilnadu vide G.O.No.168, Higher Education dt. 30.05.2000.

To promote patriotism in the young minds of our students, the college has been rightly named as Bharath College of Science and Management.

The vision of the college is to provide an idyllic environment of affection and care in the pursuit of knowledge. To contribute the excellence in technical education, scientific and research; to serve as a valuable resource for industry and society and remain a source of pride for inclusive growth of the society.

### *About the Department*

The Department Computer Science, was started in the year 2001. The academic activities of the departments are centered on teaching, seminar, workshops, physical activities., etc. completing a degree in Computer Science, Information Technology & Computer

Applications provides you a sense of accomplishment, career satisfaction and endless possibilities. The department strives to impart knowledge and enlighten the students in terms of all avenues and admit a diverse, talented and promising student body and prepare them for the competitive world and to fight for what they want.

The Department Association "**BHARATH PHEONIX ASSOCIATION**" to motivate and inculcate our younger generation about the innovation and challenges in computer science, by conducting the seminar, workshop, training program for both UG & PG students.

### *Mission and Vision*

Impart knowledge and enlighten the students in all avenues pertaining to computer science. Provide a firm foothold into the I.T. industries. Inculcate professional excellence logical thinking and analytical ability by giving exposures to application-oriented education. Focus on inculcating ethical value to the students.

### *About the Workshop*

The aim of this workshop is to provide in depth knowledge and develop Android application as well as basic building blocks of making this. It also includes understanding the

Android OS architecture, installing and use of appropriate tools for Android development, including IDE, device emulator, and profiling tools. Students may understand the Android application architecture including the roles of the task stack, activities and services.

### *Invited participants*

- Faculties
- UG & PG Students

### *Registration*

The registration can be done on spot. All Correspondence regarding the seminar can be sent to

**Prof. R. SUMITHRA, M.C.A., M. Phil.,**  
Organizing Chair

Mobile: 9442177963

E-mail: [bcsmesdept@gmail.com](mailto:bcsmesdept@gmail.com)

Phone: 04362 – 227937, 228081

[www.bharathcollege.edu.in](http://www.bharathcollege.edu.in)

[bharathcollege@gmail.com](mailto:bharathcollege@gmail.com)

# BHARATH COLLEGE OF SCIENCE AND MANAGEMENT,

(UGC Recognized 2(U) and 12(B) Institution)

(Affiliated to Bharathidasan university, Truchirappalli-24)

PG DEPARTMENT OF COMPUTER SCIENCE

IN ASSOCIATION WITH IQAC

Organizes

ONE DAY WORKSHOP ON

## ANDROID APPLICATION DEVELOPMENT

### AGENDA

VENUE: SEMINAR HALL

DATE : 08.04.2021

\*\*\*\*\*  
Prayer song : By Students

Welcome Address : Mr. M. Zafar Ali, B M.Sc. (CS),  
Bharath College of Science and Management, Thanjavur.

Felicitation : Dr. T. Veerasamy,  
Director, Bharath College of Science and Management,  
Thanjavur.  
: Dr. K. Kumar, M.Com., MBA, M.Phil., Ph.D.,  
Principal, Bharath College of Science and Management,  
Thanjavur.

Presidential Address : Mrs. Punitha Ganesan, B.Sc., M.A.,  
Secretary, Bharath College of Science and Management,  
Thanjavur.

Chief Guest Introduction : Mr. S. Ravish, III B.Sc. (CS),  
Bharath College of Science and Management, Thanjavur.

Keynote Address : Dr. T. Baskaran,  
Assistant Professor, Department of Computer Science,  
A.V.V.M Shri Pushpam College, Poondi

Vote of Thanks : Ms. K. Nasrin Baanu, I M.Sc. (CS),  
Bharath College of Science and Management, Thanjavur.

NATIONAL ANTHEM

# BHARATH COLLEGE OF SCIENCE AND MANAGEMENT

(UGC Recognized 2(D) & 12(B) Institution)

THANJAVUR-5

## PG DEPARTMENT OF COMPUTER SCIENCE

ONE DAY WORKSHOP ON ANDROID APPLICATION DEVELOPMENT

### LIST OF PARTICIPANTS

DATE: 08.04.2021

S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
1	CB20S 199597	ABDUL BASITH M	Abdul Basith M
2	CB20S 199598	ABISHEN S	Abishen S
3	CB20S 199599	AJITH KUMAR V	Ajith Kumar V
4	CB20S 199600	AKASH L	Akash L
5	CB20S 199601	ARAVINTHAN V	Aravintan V
6	CB20S 199602	BALAMURUGAN S	Balamurugan S
7	CB20S 199603	DEENADAYALAN P	Deenadayalan P
8	CB20S 199604	JAMES ANTONY SAHAYARAJ S	J. Sahayaraj S
9	CB20S 199605	JAMES KUMAR P	James Kumar P
10	CB20S 199606	JAYASABARI G	Jayasabari G
11	CB20S 199607	JENIFAR JOSPHINE RANI S	Jenifar Josphine Rani S
12	CB20S 199608	JOSEWACHRISTOPHERRAJ B	Josewachristopherraj B
13	CB20S 199609	KABILESH M J	Kabillesh M J
14	CB20S 199610	KARTHIK RAJA B	Karthik Raja B
15	CB20S 199611	MOHAMED ASHIK K	Mohamed Ashik K
16	CB20S 199612	MUTHURAMAN M	Muthuraman M



S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
17	CB20S 199613	NITHISH N	
18	CB20S 199614	NIVAS. S	<i>Nivas. S.</i>
19	CB20S 199615	PANDEESWARI G	<i>Pandeeswari G</i>
20	CB20S 199616	PERVEASH MOHAMED N	<i>Perveash</i>
21	CB20S 199617	PRASANTH R	<i>Prasanth</i>
22	CB20S 199618	PRIYANKA E	<i>Priyanka E</i>
23	CB20S 199619	SALMAN FARAS S	
24	CB20S 199620	SANDHIYA R	<i>Sandhya R</i>
25	CB20S 199621	SATHISH KUMAR V	<i>Sathish</i>
26	CB20S 199622	SATHYASEELAN M	<i>Sathyaseelan M</i>
27	CB20S 199623	SHARMILA M	<i>Sharmila M</i>
28	CB20S 199624	SIVANESHWARAN R	<i>Sivaneswaran R</i>
29	CB20S 199625	SIVAYALINI P	<i>Sivayalini P</i>
30	CB20S 199626	SOBIKA J	<i>Sobika J</i>
31	CB20S 199627	SOWMIYA L	<i>Sowmiya L</i>
32	CB20S 199628	THAMILMANI B	<i>Thamilmani B</i>
33	CB20S 199629	VIGNESH KUMAR M	<i>Vignesh Kumar M</i>
34	CB19S 193606	ADHITHYA R	<i>Adhithya R</i>
35	CB19S 193607	AHAMED NIYAS A	<i>Ahamed Niyas A</i>
36	CB19S 193608	AMARESHWAR PS	<i>Amareshwar PS</i>
37	CB19S 193609	ANANDAN K	<i>Anandan K</i>



S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
38	CB19S 193610	ANTORAGUNATH P	<i>Antoragunath P</i>
39	CB19S 193611	BALAJI.V.R	<i>Balaji P</i>
40	CB19S 193612	BHARATHI. B. R. S	<i>Bharathi</i>
41	CB19S 193613	BOOMINATHAN. R	<i>Boominathan</i>
42	CB19S 193614	BHUVANESH. A	<i>Bhuvanesh A</i>
43	CB19S 193615	DEVARAJAN. S	<i>Devarajans</i>
44	CB19S 193616	ELAVARSAN. A	<i>Elavarsan A</i>
45	CB19S 193617	ELAVARSAN. K	<i>Elavarsan K</i>
46	CB19S 193618	EZHILARASAN. G	<i>Ezhilarasan G</i>
47	CB19S 193619	GNANASUNDHARI. R	<i>Gnanasundhari R</i>
48	CB19S 193620	GOMATHI. R	<i>Gomathi R</i>
49	CB19S 193621	JAYAPRIYAN. J	<i>Jayapriyan J</i>
50	CB19S 193622	JAGADESH. P	<i>Jagadeesh P</i>
51	CB19S 193623	KARTHIK KUMAR. J.M	<i>Karthik Kumar J.M</i>
52	CB19S 193624	KARTHIK. S	<i>Karthik S</i>
53	CB19S 193625	KARTHIKEYAN. K	<i>Karthikeyan K</i>
54	CB19S 193626	KASI. S	<i>Kasi S</i>
55	CB19S 193627	KATHIRVEL. G	<i>Kathirvel G</i>
56	CB19S 193628	KIRUBAKARAN. M	<i>Kirubakaran M</i>
57	CB19S 193629	MADHUBALA. B	<i>Madhubala B</i>
58	CB19S 193630	MAHESWARAN. K	<i>Maheswaran K</i>



S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
59	CB19S 193631	MANIKANDAN. M	<i>M. Manikandan</i>
60	CB19S 193632	MANIKATHAYANITHI. M	<i>Manikathayanithi</i>
61	CB19S 193633	MANOJKUMAR. S	<i>Manojkumar S</i>
62	CB19S 193634	MOHAMED HAKKIM MOHSIN. M	<i>Mohamed Hakkim Mohsin</i>
63	CB19S 193635	MUKESH KANNAN. M	<i>Mukesh Kannan</i>
64	CB19S 193636	MUKILAN. P	<i>Mukilan P</i>
65	CB19S 193637	PRABAKAR. L	<i>Prabakar L</i>
66	CB19S 193638	PRAVEEN KUMAR. R	<i>Praveen R</i>
67	CB19S 193639	RACHSON. S	<i>Rachson S</i>
68	CB19S 193640	RAGUVARAN. R	<i>Raguvaran R</i>
69	CB19S 193641	RANJITH. R	<i>Ranjith R</i>
70	CB19S 193642	ROHIN AMALA RAJ. R	<i>Rohin Amala Raj R</i>
71	CB19S 193643	SABARISH. S	<i>Sabarish S</i>
72	CB19S 193644	SANTHOSH. S	<i>Santhosh S</i>
73	CB19S 193645	SATHISH KUMAR. M	<i>Sathish Kumar M</i>
74	CB19S 193646	SHAHUL HAMEED. A	<i>Shahul Hameed A</i>
75	CB19S 193647	SIVA. N	<i>Siva N</i>
76	CB19S 193648	SIVASURIYA. P	<i>Sivasuriya P</i>
77	CB19S 193649	SORNA. P. V	<i>Sorna P. V</i>
78	CB19S 193650	URUMAIVA. V	<i>Urumaiva V</i>
79	CB19S 193651	VENKATRAJ. B	<i>Venkatraj B</i>



S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
80	CB19S 193652	VIGNESH R	Vignesh R
81	CB19S 193653	VIGNESH S	Vignesh S
82	CB18S 187996	AAKASH M	Aakash M
83	CB18S 187997	ABISHEK S	Abhishek S
84	CB18S 187998	ARUNPRASATH A	Arunprasad A
85	CB18S 187999	BARATH G	Barath G
86	CB18S 188000	BARATHKISHORE M J	Barathkishore M J
87	CB18S 188001	CHANDRU K	Chandru K
88	CB18S 188002	ESWARAN P	Eswaran P
89	CB18S 188003	FYROSE AHAMED M Y	Fyrose Ahamed M Y
90	CB18S 188004	HAKKIM MOHAMED A	Hakkim Mohamed A
91	CB18S 188006	HARIHARAN R	Harihara R
92	CB18S 188007	KARTHIKEYAN N	Karthikeyan N
93	CB18S 188008	KAVIYA S	Kaviya S
94	CB18S 188009	MADHUMITHA R	Madhumitha R
95	CB18S 188010	MUKESH K	Mukesh K
96	CB18S 188011	NANDHA KUMAR M	Nandha Kumar M
97	CB18S 188012	NANTHA KUMAR S	Nantha Kumar S
98	CB18S 188013	POOJA S	Pooja S
99	CB18S 188014	PRADEEP R	Pradeep R
100	CB18S 188015	PRAVEEN C	Praveen C



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101	CB18S 188016	PRAVEENKUMAR. M	<i>Praveen</i>
102	CB18S 188017	PRITHIVIRAJ. R	<i>Prithi . R</i>
103	CB18S 188018	RAVISH S	<i>Ravish S</i>
104	CB18S 188019	SABEER AHAMED.S	<i>Sabeer Ahmed S</i>
105	CB18S 188020	SANTHOSH K	<i>Santhosh K</i>
106	CB18S 188022	SUJITH P	<i>Sujith P</i>
107	CB18S 188023	VENGATESHAN. S	<i>Vengateshan S</i>
108	CB18S 188024	VIGNESH A	<i>Vignesh A.</i>
109	CB18S 188025	VISHNU PRAKASH. R	<i>Vishnu P</i>
110	P 20273405	ARJUN K	<i>Arjun K</i>
111	P 20273406	AYSHWARYA. P	<i>Aishwarya P</i>
112	P 20273407	BRINDHA. R	<i>Brindha R</i>
113	P 20273408	DIVAGAR. R	<i>Divagar R</i>
114	P 20273409	ELANGOVAN. V	<i>Elango Van V</i>
115	P 20273410	GOKILAN. T	<i>Gokilan T</i>
116	P 20273411	GRACE ROMALD BRITTO. A	<i>Grace Romald</i>
117	P 20273412	GUHAN. S	<i>Guhan S</i>
118	P 20273413	HARISH R	<i>Harish R</i>
119	P 20273414	JAGADEESH SAGAR. K	<i>Jagadeesh K</i>
120	P 20273415	KARTHIK. T	<i>Karthik T</i>
121	P 20273416	KARTHIKA. S	<i>Karthika S</i>



S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
122	P 20273417	KRISHNAPRIYA. K	<i>Krishna K</i>
123	P 20273418	NANCY BRINTHA. I	<i>Nancy Brintha I</i>
124	P 20273419	NASRIN BAANU. K	<i>Naseer Ba.</i>
125	P 20273420	PREETHI BAI R	<i>Preethi Bai R</i>
126	P 20273421	PRIYANKA. K	<i>Priyanka K</i>
127	P 20273422	PUGALENDI. A	<i>Pugalendi A</i>
128	P 20273423	RAJESH. R	<i>Rajesh R</i>
129	P 20273424	RAMANI. S	<i>Ramani S</i>
130	P 20273425	RUTHRALINGAM. P	<i>Ruthralingam P</i>
131	P 20273426	SAKTHIVEL. K	<i>Sakthivel K</i>
132	P 20273427	SANTHOSH KUMAR. P	<i>Santhosh Kumar P</i>
133	P 20273428	SATHISH KUMAR. S	<i>Sathish Kumar S</i>
134	P 20273429	SATHISH RAJ. A	<i>Sathish Raj A</i>
135	P 20273430	SATHYA NARAYANAN. V	<i>Sathya Narayanan V</i>
136	P 20273431	SUGANYA. G	<i>Suganya G</i>
137	P 20273432	SYED MOHAMED. S	<i>Syed Mohamed S</i>
138	P 20273433	VAIRAVAN. S. T	<i>Vairavan S. T</i>
139	P 20273434	VEERAMANI. M	<i>Veeramani M</i>
140	P 20273435	VIJAY. A	<i>Vijay A.</i>
141	P 19272901	AJAY. S	<i>Ajay S</i>
142	P 19272902	AJITH KUMAR. R	<i>Ajith Kumar R</i>



S.NO	REG. NO	NAME OF THE PARTICIPANT	SIGNATURE
143	P 192722903	ANIS FATHIMA K	Anis Fathima K
144	P 192722904	BHARANIDHARAN C. G	Bharanidharan C.
145	P 192722906	GNANASEKAR M	Gnanasekar M
146	P 192722907	GUNASEKAR K	Gunasekar K
147	P 192722908	JAYA SUTHAN S	Jaya Suthan S
148	P 192722909	JAYASURYA I	Jayasurya I
149	P 192722910	KARTHIKEYAN K	Karthikeyan K
150	P 192722911	MALAYARASAN G	Malayarasan G
151	P 192722912	MANIKANDAN B	Manikandan B
152	P 192722913	MUKESHKUMAR S	Mukesh Kumar S
153	P 192722914	MUTHURAMAN R	Muthuraman R
154	P 192722915	REVATHI R	Revathi R
155	P 192722916	SIVANANDAM P	Sivanandam P
156	P 192722917	SUBASH K	Subash K
157	P 192722918	SUDARSON S. P	Sudarsan S.P
158	P 192722919	VAIRAPPAN R	Vairappan R
159	P 192722920	VEERAMANI G	Veeramani G
160	P 192722921	VIVEK K	Vivek K
161	P 192722922	ZAFFAR ALLI M	Zaffar Ali M



PRINCIPAL

*[Handwritten signature]*

## BHARATH COLLEGE OF SCIENCE AND MANAGEMENT,

THANJAVUR - 5

(UGC Recognized 20 & 12(B) Institution)

(Affiliated to Bharathidasan University, Truchirappalli - 24)

### PG DEPARTMENT OF COMPUTER SCIENCE

#### REPORT



PG Department of Computer Science in Association IQAC organized one day workshop on **"Android Application Development"** sponsored by Yoga IT Solutions, Thanjavur on 08-April 2021 at seminar hall. Totally 161 students have participated and get benefited. **Dr. T. Baskaran, Assistant Professor, Department of Computer Science, AVVM Sri Poshpam College, Poondi** has invited as the resource person. The program was presided over by **Mrs. Punitha Ganesan, B.Sc., M.A., Secretary, Bharath Group of Institutions.** The program started with prayer song. Then welcome address was delivered by the student **Mr. M. Zafar Ali, from II M.Sc. (CS), Dr. T. Veerasamy, Director and Dr. K. Kumar, M.Com., M.Phil, M.B.A., NET, Ph.D., Principal, Bharath College of Science and Management, Thanjavur,** felicitated the program. **Mr. S. Ravish from III B.Sc. (CS)** has presented his chief guest introduction. This workshop provides participants technical training on the concepts and programming methodologies needed to develop applications for mobile devices. Participants have learned to use different android libraries. Instructions have aided with live projects which will allow students to grasp concepts of the complete mobile application development life-cycle. **Ms. K. Nasrin Banu from I M.Sc. (CS)** delivered his vote of thanks. The program has concluded with National Anthem.



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THANJAVUR - 613 005.