



# **SATHYABAMA**

**INSTITUTE OF SCIENCE AND TECHNOLOGY**

**(DEEMED TO BE UNIVERSITY)**

**Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE**

**[www.sathyabama.ac.in](http://www.sathyabama.ac.in)**

## **SCHOOL OF SCIENCE AND HUMANITIES**

### **DEPARTMENT OF COMPUTER SCIENCE**

DATE: 6<sup>th</sup> April 2023

#### **CIRCULAR**

Students are hereby informed to select any one of the elective courses from the following courses for the academic year June 2023- April 2024 and inform to the Department HOD/Year coordinator by 22<sup>th</sup> April 2023.

For 2021-2024 batch B.Sc Computer Science Students are informed to select two elective for odd (V) semester

| <b>S.no</b> | <b>Course code</b> | <b>Course title</b>                   |
|-------------|--------------------|---------------------------------------|
| 1           | SBSA3001           | Design and Analysis of Algorithms     |
| 2           | SBSA3002           | Data Mining and Warehousing           |
| 3           | SBSA3004           | Software Testing                      |
| 4           | SBSA3005           | Software Architecture                 |
| 5           | SBSA3006           | Software Quality Management           |
| 6           | SBSA3007           | Digital Marketing                     |
| 7           | SBSA3008           | Big Data Analytics                    |
| 8           | SBSA3009           | Network Security                      |
| 9           | SBSA3010           | Introduction to Internet of Things    |
| 10          | SBSA3011           | Foundation of Artificial Intelligence |
| 11          | SBSA3012           | Cyber Law                             |

For 2021-2024 batch B.Sc Computer Science with AI Students are informed to select one elective for odd (V) semester

| S.no | Course code | Course title                       |
|------|-------------|------------------------------------|
| 1    | SBSA3003    | Mobile Application Development     |
| 2    | SBSA3005    | Software Architecture              |
| 3    | SBSA3007    | Digital Marketing                  |
| 4    | SBSA3009    | Network Security                   |
| 5    | SBSA3012    | Cyber Law                          |
| 6    | SBSA3013    | Augmented And Virtual Reality      |
| 7    | SBSA3014    | AI In Speech Processing            |
| 8    | SBSA3015    | AI for Clinical Information System |
| 9    | SBSA3016    | Data Science                       |
| 10   | SBSA3017    | Deep Learning                      |
| 11   | SBSA3018    | Knowledge Management System        |
| 12   | SBSA3019    | Natural Language Processing        |

For 2022-2024 batch M.Sc Students are informed to select one elective for odd (III semester)

| S.no | Course code | Course title                          |
|------|-------------|---------------------------------------|
| 1    | SBSA7001    | Advanced Distributed Computing        |
| 2    | SBSA7002    | Big Data Tools and Techniques         |
| 3    | SBSA7003    | Computer Vision                       |
| 4    | SBSA7004    | Cyber Forensics                       |
| 5    | SBSA7005    | Data Analytics                        |
| 6    | SBSA7006    | Ethical Hacking and Digital Forensics |
| 7    | SBSA7007    | Mobile Computing                      |
| 8    | SBSA7008    | Network Security                      |
| 9    | SBSA7009    | Object Oriented Systems Engineering   |
| 10   | SBSA7010    | Open-Source Tools                     |
| 11   | SBSA7011    | Social Network Analysis               |
| 12   | SBSA7012    | Software Architecture                 |
| 13   | SBSA7013    | Software Defined Networks             |
| 14   | SBSA7014    | Virtualization Techniques             |
| 15   | SBSA7015    | Wireless Sensor Networks              |

For further details about the elective courses, kindly refer the B.Sc syllabus (B.Sc Computer Science), B.Sc Computer Science with AI and M.Sc syllabus (M.Sc Computer Science) posted in the Institution website.

  
 Dean, Arts and Sciences  
**Dr. REKHA CHAKRAVARTI, M.E., Ph.D.,**  
 DEAN, ARTS AND SCIENCES  
**SATHYABAMA**  
 INSTITUTE OF SCIENCE AND TECHNOLOGY  
 (DEEMED TO BE UNIVERSITY)  
 Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.



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## SCHOOL OF SCIENCE AND HUMANITIES

### DEPARTMENT OF COMPUTER SCIENCE

PROG: B. Sc CS

BATCH: 2021-2024

SEM: V

### ELECTIVES

| S. No. | Reg Number | Student Name      | Elective 1            | Elective 2                        |
|--------|------------|-------------------|-----------------------|-----------------------------------|
| 1      | 41290001   | ABI SHAGAR C      | Software Architecture | Network Security                  |
| 2      | 41290002   | AKASH J           | Software Architecture | Network Security                  |
| 3      | 41290003   | ALEX JUSTIN RAJ S | Software Architecture | Network Security                  |
| 4      | 41290004   | ASHOK KUMAR A     | Software Architecture | Network Security                  |
| 5      | 41290005   | ASHWIN V          | Big Data Analytics    | Network Security                  |
| 6      | 41290006   | AYODHYA LAXSHANTH | Software Architecture | Network Security                  |
| 7      | 41290007   | BARATH S          | Software Architecture | Network Security                  |
| 8      | 41290008   | BHARATHI M        | Software Architecture | Design and Analysis of Algorithms |
| 9      | 41290009   | BHUVANESWARI M    | Software Architecture | Network Security                  |
| 10     | 41290010   | CYRIL JONES S B   | Software Architecture | Network Security                  |
| 11     | 41290011   | DEEPURAJ K R      | Software Architecture | Network Security                  |
| 12     | 41290012   | DEVA S            | Software Architecture | Network Security                  |
| 13     | 41290013   | DHANUSH V         | Software Architecture | Network Security                  |
| 14     | 41290014   | DHANUSH P         | Software Architecture | Network Security                  |

|    |          |                       |                       |                                    |
|----|----------|-----------------------|-----------------------|------------------------------------|
| 15 | 41290015 | DHANUSH R             | Software Architecture | Network Security                   |
| 16 | 41290016 | DHARUN KUMAR P        | Software Testing      | Network Security                   |
| 17 | 41290017 | DILIP KUMAR R         | Software Architecture | Network Security                   |
| 18 | 41290018 | DIVYA M               | Software Architecture | Network Security                   |
| 19 | 41290019 | GOWTHAM P             | Software Architecture | Software Quality Management        |
| 20 | 41290020 | HARINATH T            | Software Architecture | Network Security                   |
| 21 | 41290021 | HARINI R              | Software Architecture | Network Security                   |
| 22 | 41290022 | V HARIRAM KUMAR       | Software Architecture | Network Security                   |
| 23 | 41290023 | HARISH RAJ V          | Software Architecture | Network Security                   |
| 24 | 41290024 | HEMALATHA S           | Software Architecture | Introduction to Internet of Things |
| 25 | 41290025 | JAGAN G               | Software Architecture | Network Security                   |
| 26 | 41290026 | KANCHANA L            | Software Architecture | Network Security                   |
| 27 | 41290027 | KARUNAGARAN V         | Software Architecture | Network Security                   |
| 28 | 41290028 | KEERTHI Y             | Software Testing      | Network Security                   |
| 29 | 41290029 | KIRUBAKARAN B         | Software Architecture | Network Security                   |
| 30 | 41290030 | KISHORE KUMAR L       | Software Architecture | Network Security                   |
| 31 | 41290031 | KOWSALYA S            | Software Architecture | Network Security                   |
| 32 | 41290032 | LOGESH S              | Software Architecture | Network Security                   |
| 33 | 41290033 | LOHAR KARISHMA DILIP  | Software Architecture | Network Security                   |
| 34 | 41290034 | MANOJ AROKIYA SUSAI L | Software Architecture | Network Security                   |

|    |          |                          |                       |                                    |
|----|----------|--------------------------|-----------------------|------------------------------------|
| 35 | 41290035 | MEGANATH T               | Software Architecture | Design and Analysis of Algorithms  |
| 36 | 41290036 | MYTHILI G                | Software Architecture | Network Security                   |
| 37 | 41290037 | NAVEEN K                 | Software Architecture | Network Security                   |
| 38 | 41290038 | NELLAIAPPAN THARUN RAM K | Software Architecture | Network Security                   |
| 39 | 41290039 | NISHANTHINI P            | Software Architecture | Network Security                   |
| 40 | 41290040 | NITHEESVAR S             | Software Architecture | Network Security                   |
| 41 | 41290041 | PAVITHRA K               | Software Architecture | Network Security                   |
| 42 | 41290042 | POOJA C                  | Software Architecture | Network Security                   |
| 43 | 41290043 | PRAVEENRAJ P             | Software Architecture | Network Security                   |
| 44 | 41290044 | PRIYADHARSHINI V         | Software Architecture | Network Security                   |
| 45 | 41290045 | RENI GRACE REBEKKAL B    | Software Architecture | Network Security                   |
| 46 | 41290046 | SAI GANESH R             | Software Architecture | Network Security                   |
| 47 | 41290047 | SAKTHI D                 | Software Architecture | Network Security                   |
| 48 | 41290048 | SANDHIYA R               | Software Architecture | Network Security                   |
| 49 | 41290049 | SANJAI KUMAR J           | Software Architecture | Introduction to Internet of Things |
| 50 | 41290050 | SHAJIYA KIRAN M          | Software Architecture | Network Security                   |
| 51 | 41290051 | SHAMEERA BEGUM A         | Software Architecture | Network Security                   |
| 52 | 41290052 | SHANE LIJU S             | Software Architecture | Network Security                   |
| 53 | 41290053 | SHARMILA M               | Software Architecture | Network Security                   |
| 54 | 41290054 | SHIVANANTHAM V           | Cyber Law             | Network Security                   |
| 55 | 41290055 | SIVANESH D               | Software Architecture | Network Security                   |

|    |          |                         |                       |                             |
|----|----------|-------------------------|-----------------------|-----------------------------|
| 56 | 41290056 | SOBIKA K                | Software Architecture | Network Security            |
| 57 | 41290057 | SREE RAKESH S S         | Software Architecture | Network Security            |
| 58 | 41290058 | SRIPRIYA S              | Software Architecture | Network Security            |
| 59 | 41290059 | SUMITHRA S              | Software Architecture | Network Security            |
| 60 | 41290060 | SURESH BABU R           | Software Architecture | Network Security            |
| 61 | 41290061 | SURYA E                 | Software Architecture | Network Security            |
| 62 | 41290062 | SURYAKANTH R            | Software Architecture | Network Security            |
| 63 | 41290063 | VARSHINI S              | Software Architecture | Network Security            |
| 64 | 41290064 | YUGASUBAVENKATESH S     | Software Architecture | Software Quality Management |
| 65 | 41290065 | YUVARAJ E               | Software Architecture | Network Security            |
| 66 | 41290066 | AROKEYA ROGER DHARWIN A | Software Architecture | Network Security            |
| 67 | 41290067 | NEERAJ S                | Software Architecture | Network Security            |



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**SCHOOL OF SCIENCE AND HUMANITIES**

**DEPARTMENT OF COMPUTER SCIENCE**

**PROG: B. Sc CS with AI**

**BATCH: 2021-2024**

**SEM: V**

**ELECTIVES**

| <b>S.No</b> | <b>Reg. No</b> | <b>Name</b>                    | <b>Elective</b>  |
|-------------|----------------|--------------------------------|------------------|
| 1           | 41735001       | ANANYA A                       | Network Security |
| 2           | 41735002       | ASHOK KUMAR N                  | Network Security |
| 3           | 41735003       | BARATH THIRUPORUR<br>KUMARESAN | Network Security |
| 4           | 41735004       | JINENDERAN P                   | Network Security |
| 5           | 41735005       | PRAGADHESH R                   | Network Security |
| 6           | 41735006       | SHASHANK K S                   | Data Science     |
| 7           | 41735007       | AKSHAYA J D                    | Network Security |



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SCHOOL OF SCIENCE AND HUMANITIES

DEPARTMENT OF COMPUTER SCIENCE

PROG: M.Sc CS

BATCH: 2022-2024

SEM: III

ELECTIVES

| S. No. | Reg Number | Student Name          | Elective                              |
|--------|------------|-----------------------|---------------------------------------|
| 1      | 42734001   | AISHWARYA D           | Wireless Sensor Networks              |
| 2      | 42734002   | ANITA STELLA F R      | Wireless Sensor Networks              |
| 3      | 42734003   | BALAJI A              | Open-Source Tools                     |
| 4      | 42734004   | BALAVIVETHA V M       | Wireless Sensor Networks              |
| 5      | 42734005   | DANIEL ARNOLD R       | Wireless Sensor Networks              |
| 6      | 42734006   | HEMANADH K            | Wireless Sensor Networks              |
| 7      | 42734007   | JAGATH KRITHI DALAI K | Wireless Sensor Networks              |
| 8      | 42734008   | KAVYA S A             | Wireless Sensor Networks              |
| 9      | 42734009   | LALITHA LAKSHMI D     | Wireless Sensor Networks              |
| 10     | 42734010   | MARY PRIYA A          | Wireless Sensor Networks              |
| 11     | 42734011   | MUGILAN V             | Wireless Sensor Networks              |
| 12     | 42734012   | MUSAMMIL A            | Wireless Sensor Networks              |
| 13     | 42734013   | NISHANTHI.H           | Wireless Sensor Networks              |
| 14     | 42734014   | PREM K                | Cyber Forensics                       |
| 15     | 42734015   | RAGUNATHAN S          | Wireless Sensor Networks              |
| 16     | 42734016   | REJANSY BANU B B      | Wireless Sensor Networks              |
| 17     | 42734017   | RENUGA DEVI K         | Ethical Hacking and Digital Forensics |
| 18     | 42734018   | RITSIA B              | Wireless Sensor Networks              |
| 19     | 42734019   | SAM I                 | Wireless Sensor Networks              |
| 20     | 42734020   | SANJAY KUMAR P        | Wireless Sensor Networks              |
| 21     | 42734021   | SANTHOSH S            | Wireless Sensor Networks              |
| 22     | 42734022   | SORNALAKSHMI S        | Wireless Sensor Networks              |
| 23     | 42734023   | THIRSHA ANGELINE R    | Wireless Sensor Networks              |
| 24     | 42734024   | TRISHA C              | Wireless Sensor Networks              |
| 25     | 42734025   | VIDHYA SHREE R        | Wireless Sensor Networks              |
| 26     | 42734026   | BHAVANI TEJASWI. J    | Wireless Sensor Networks              |
| 27     | 42734027   | PAVITHRA A            | Open-Source Tools                     |
| 28     | 42734028   | RAKESH R              | Wireless Sensor Networks              |
| 29     | 42734029   | PLASIT PRIGHANS P     | Wireless Sensor Networks              |



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## SCHOOL OF SCIENCE AND HUMANITIES

### DEPARTMENT OF COMPUTER SCIENCE

#### CIRCULAR

DATE: 5<sup>th</sup> May 2023

The Department of Computer Science is offering the following electives for the B.Sc Computer Science (2021-2024), B.Sc Computer Science with AI (2021-2024) and M.Sc Computer Science (2022-2024) based on the selection by the students.

For 2021-2024 batch B.Sc Computer Science Students are informed to select two elective for odd (V) semester

| S.no | Course code | Course title                          |
|------|-------------|---------------------------------------|
| 1    | SBSA3001    | Design and Analysis of Algorithms     |
| 2    | SBSA3002    | Data Mining and Warehousing           |
| 3    | SBSA3004    | Software Testing                      |
| 4    | SBSA3005    | Software Architecture                 |
| 5    | SBSA3006    | Software Quality Management           |
| 6    | SBSA3007    | Digital Marketing                     |
| 7    | SBSA3008    | Big Data Analytics                    |
| 8    | SBSA3009    | Network Security                      |
| 9    | SBSA3010    | Introduction to Internet of Things    |
| 10   | SBSA3011    | Foundation of Artificial Intelligence |
| 11   | SBSA3012    | Cyber Law                             |

Majority of the students have selected, **SBSA3005 Software Architecture and SBSA3009 Network Security.**

As per the majority preference, the above electives are offered to the students.

For 2021-2024 batch B.Sc Computer Science with AI Students are informed to select one elective for odd (V) semester

| S.no | Course code | Course title                       |
|------|-------------|------------------------------------|
| 1    | SBSA3003    | Mobile Application Development     |
| 2    | SBSA3005    | Software Architecture              |
| 3    | SBSA3007    | Digital Marketing                  |
| 4    | SBSA3009    | Network Security                   |
| 5    | SBSA3012    | Cyber Law                          |
| 6    | SBSA3013    | Augmented And Virtual Reality      |
| 7    | SBSA3014    | AI In Speech Processing            |
| 8    | SBSA3015    | AI for Clinical Information System |
| 9    | SBSA3016    | Data Science                       |
| 10   | SBSA3017    | Deep Learning                      |
| 11   | SBSA3018    | Knowledge Management System        |
| 12   | SBSA3019    | Natural Language Processing        |

Majority of the students have selected, **SBSA3009 Network Security**.

As per the majority preference, the above elective is offered to the students.

For 2022-2024 batch M.Sc Students are informed to select two electives for odd (III semester)

| S.no | Course code | Course title                          |
|------|-------------|---------------------------------------|
| 1    | SBSA7001    | Advanced Distributed Computing        |
| 2    | SBSA7002    | Big Data Tools and Techniques         |
| 3    | SBSA7003    | Computer Vision                       |
| 4    | SBSA7004    | Cyber Forensics                       |
| 5    | SBSA7005    | Data Analytics                        |
| 6    | SBSA7006    | Ethical Hacking and Digital Forensics |
| 7    | SBSA7007    | Mobile Computing                      |
| 8    | SBSA7008    | Network Security                      |
| 9    | SBSA7009    | Object Oriented Systems Engineering   |
| 10   | SBSA7010    | Open-Source Tools                     |
| 11   | SBSA7011    | Social Network Analysis               |
| 12   | SBSA7012    | Software Architecture                 |
| 13   | SBSA7013    | Software Defined Networks             |
| 14   | SBSA7014    | Virtualization Techniques             |
| 15   | SBSA7015    | Wireless Sensor Networks              |

Majority of the students have selected, **SBSA7015 Wireless Sensor Networks**

As per the majority preference, the above elective is offered to the students.



Dean, Arts and Sciences

Dr. REKHA CHAKRAVARTHI, M.E., Ph.D.,  
DEAN, ARTS AND SCIENCES  
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## **SCHOOL OF SCIENCE AND HUMANITIES**

### **DEPARTMENT OF COMPUTER SCIENCE**

DATE: 4<sup>th</sup> December 2023

#### **CIRCULAR**

Students are hereby informed to select any one of the elective courses from the following courses for the academic year June 2023- April 2024 and inform to the Department HOD/Year coordinator by 11<sup>th</sup> December 2023.

For 2021-2024 batch B.Sc Computer Science Students are informed to select one elective for even (VI) semester.

| <b>S.no</b> | <b>Course code</b> | <b>Course title</b>                   |
|-------------|--------------------|---------------------------------------|
| 1           | SBSA3001           | Design and Analysis of Algorithms     |
| 2           | SBSA3002           | Data Mining and Warehousing           |
| 3           | SBSA3004           | Software Testing                      |
| 4           | SBSA3006           | Software Quality Management           |
| 5           | SBSA3007           | Digital Marketing                     |
| 6           | SBSA3008           | Big Data Analytics                    |
| 7           | SBSA3010           | Introduction to Internet of Things    |
| 8           | SBSA3011           | Foundation of Artificial Intelligence |
| 9           | SBSA3012           | Cyber Law                             |

For 2021-2024 batch B.Sc Computer Science with AI Students are informed to select one elective for even (VI) semester

| <b>S.no</b> | <b>Course code</b> | <b>Course title</b>                |
|-------------|--------------------|------------------------------------|
| 1           | SBSA3003           | Mobile Application Development     |
| 2           | SBSA3005           | Software Architecture              |
| 3           | SBSA3007           | Digital Marketing                  |
| 4           | SBSA3012           | Cyber Law                          |
| 5           | SBSA3013           | Augmented And Virtual Reality      |
| 6           | SBSA3014           | AI In Speech Processing            |
| 7           | SBSA3015           | AI for Clinical Information System |
| 8           | SBSA3016           | Data Science                       |
| 9           | SBSA3017           | Deep Learning                      |
| 10          | SBSA3018           | Knowledge Management System        |
| 11          | SBSA3019           | Natural Language Processing        |

For 2022-2025 batch B.Sc Computer Science Students are informed to select one elective for even (IV) semester

| S.no | Course code | Course title                          |
|------|-------------|---------------------------------------|
| 1    | SBSA3001    | Design and Analysis of Algorithms     |
| 2    | SBSA3002    | Data Mining and Warehousing           |
| 3    | SBSA3003    | Mobile Application Development        |
| 4    | SBSA3004    | Software Testing                      |
| 5    | SBSA3005    | Software Architecture                 |
| 6    | SBSA3006    | Software Quality Management           |
| 7    | SBSA3007    | Digital Marketing                     |
| 8    | SBSA3008    | Big Data Analytics                    |
| 9    | SBSA3009    | Network Security                      |
| 10   | SBSA3010    | Introduction to Internet of Things    |
| 11   | SBSA3011    | Foundation of Artificial Intelligence |
| 12   | SBSA3012    | Cyber Law                             |

For 2023-2025 batch M.Sc Students are informed to select one elective for even (II semester)

| S.No | Course Code | Course Title                   |
|------|-------------|--------------------------------|
| 1    | SBSB7001    | Advanced Distributed Computing |
| 2    | SBSB7002    | Big Data Tools and Techniques  |
| 3    | SBSB7003    | Computer Vision                |
| 4    | SBSB7004    | Information Security           |
| 5    | SBSB7005    | Open-Source Tools              |
| 6    | SBSB7006    | Social Network Analysis        |



Dean, Arts and Sciences

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## SCHOOL OF SCIENCE AND HUMANITIES

### DEPARTMENT OF COMPUTER SCIENCE

PROG: B. Sc CS

BATCH: 2021-2024

SEM: VI

#### ELECTIVES

| S. No. | Reg Number | Student Name      | Elective          |
|--------|------------|-------------------|-------------------|
| 1      | 41290001   | ABI SHAGAR C      | Digital Marketing |
| 2      | 41290002   | AKASH J           | Digital Marketing |
| 3      | 41290003   | ALEX JUSTIN RAJ S | Digital Marketing |
| 4      | 41290004   | ASHOK KUMAR A     | Cyber Law         |
| 5      | 41290005   | ASHWIN V          | Digital Marketing |
| 6      | 41290006   | AYODHYA LAXSHANTH | Digital Marketing |
| 7      | 41290007   | BARATH S          | Digital Marketing |
| 8      | 41290008   | BHARATHI M        | Digital Marketing |
| 9      | 41290009   | BHUVANESWARI M    | Digital Marketing |
| 10     | 41290010   | CYRIL JONES S B   | Digital Marketing |
| 11     | 41290011   | DEEPUK R          | Digital Marketing |
| 12     | 41290012   | DEVA S            | Digital Marketing |
| 13     | 41290013   | DHANUSH V         | Digital Marketing |
| 14     | 41290014   | DHANUSH P         | Cyber Law         |
| 15     | 41290015   | DHANUSH R         | Digital Marketing |
| 16     | 41290016   | DHARUN KUMAR P    | Software Testing  |
| 17     | 41290017   | DILIP KUMAR R     | Digital Marketing |
| 18     | 41290018   | DIVYA M           | Cyber Law         |
| 19     | 41290019   | GOWTHAM P         | Digital Marketing |
| 20     | 41290020   | HARINATH T        | Digital Marketing |
| 21     | 41290021   | HARINI R          | Digital Marketing |
| 22     | 41290022   | V HARIRAM KUMAR   | Digital Marketing |
| 23     | 41290023   | HARISH RAJ V      | Digital Marketing |
| 24     | 41290024   | HEMALATHA S       | Digital Marketing |
| 25     | 41290025   | JAGAN G           | Digital Marketing |
| 26     | 41290026   | KANCHANA L        | Digital Marketing |
| 27     | 41290027   | KARUNAGARAN V     | Digital Marketing |

|    |          |                           |                             |
|----|----------|---------------------------|-----------------------------|
| 28 | 41290028 | KEERTHI Y                 | Digital Marketing           |
| 29 | 41290029 | KIRUBAKARAN B             | Digital Marketing           |
| 30 | 41290030 | KISHORE KUMAR L           | Digital Marketing           |
| 31 | 41290031 | KOWSALYA S                | Software Testing            |
| 32 | 41290032 | LOGESH S                  | Digital Marketing           |
| 33 | 41290033 | LOHAR KARISHMA DILIP      | Digital Marketing           |
| 34 | 41290034 | MANOJ AROKIYA SUSAI L     | Digital Marketing           |
| 35 | 41290035 | MEGANATH T                | Digital Marketing           |
| 36 | 41290036 | MYTHILI G                 | Digital Marketing           |
| 37 | 41290037 | NAVEEN K                  | Digital Marketing           |
| 38 | 41290038 | NELLAIAPPAN THARUN RAM K  | Digital Marketing           |
| 39 | 41290039 | NISHANTHINI P             | Digital Marketing           |
| 40 | 41290040 | NITHEESVAR S              | Digital Marketing           |
| 41 | 41290041 | PAVITHRA K                | Digital Marketing           |
| 42 | 41290042 | POOJA C                   | Digital Marketing           |
| 43 | 41290043 | PRAVEENRAJ P              | Digital Marketing           |
| 44 | 41290044 | PRIYADHARSHINI V          | Digital Marketing           |
| 45 | 41290045 | RENI GRACE REBEKKAL B     | Digital Marketing           |
| 46 | 41290046 | SAI GANESH R              | Digital Marketing           |
| 47 | 41290047 | SAKTHI D                  | Digital Marketing           |
| 48 | 41290048 | SANDHIYA R                | Digital Marketing           |
| 49 | 41290049 | SANJAI KUMAR J            | Digital Marketing           |
| 50 | 41290050 | SHAJIYA KIRAN M           | Digital Marketing           |
| 51 | 41290051 | SHAMEERA BEGUM A          | Digital Marketing           |
| 52 | 41290052 | SHANE LIJU S              | Digital Marketing           |
| 53 | 41290053 | SHARMILA M                | Digital Marketing           |
| 54 | 41290054 | SHIVANANTHAM V            | Digital Marketing           |
| 55 | 41290055 | SIVANESH D                | Digital Marketing           |
| 56 | 41290056 | SOBIKA K                  | Digital Marketing           |
| 57 | 41290057 | SREE RAKESH S S           | Digital Marketing           |
| 58 | 41290058 | SRIPRIYA S                | Digital Marketing           |
| 59 | 41290059 | SUMITHRA S                | Digital Marketing           |
| 60 | 41290060 | SURESH BABU R             | Digital Marketing           |
| 61 | 41290061 | SURYA E                   | Digital Marketing           |
| 62 | 41290062 | SURYAKANTH R              | Digital Marketing           |
| 63 | 41290063 | VARSHINI S                | Digital Marketing           |
| 64 | 41290064 | YUGASUBAVENKATESH S       | Software Quality Management |
| 65 | 41290065 | YUVARAJ E                 | Digital Marketing           |
| 66 | 41290066 | AROKIYA ROGER DHARWIN A A | Digital Marketing           |
| 67 | 41290067 | NEERAJ S                  | Digital Marketing           |



# **SATHYABAMA**

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**SCHOOL OF SCIENCE AND HUMANITIES**

**DEPARTMENT OF COMPUTER SCIENCE**

**PROG: B. Sc CS with AI**

**BATCH: 2021-2024**

**SEM: VI**

**ELECTIVES**

| <b>S.No</b> | <b>Reg. No</b> | <b>Name</b>                    | <b>Elective</b>                |
|-------------|----------------|--------------------------------|--------------------------------|
| 1           | 41735001       | ANANYA A                       | Digital Marketing              |
| 2           | 41735002       | ASHOK KUMAR N                  | Digital Marketing              |
| 3           | 41735003       | BARATH THIRUPORUR<br>KUMARESAN | Digital Marketing              |
| 4           | 41735004       | JINENDERAN P                   | Digital Marketing              |
| 5           | 41735005       | PRAGADHESH R                   | Natural Language<br>Processing |
| 6           | 41735006       | SHASHANK K S                   | Digital Marketing              |
| 7           | 41735007       | AKSHAYA J D                    | Digital Marketing              |



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## SCHOOL OF SCIENCE AND HUMANITIES

### DEPARTMENT OF COMPUTER SCIENCE

PROG: B. Sc CS

BATCH: 2022-2025

SEM: IV

#### ELECTIVES

| S.No | Reg No   | Name              | Elective                       |
|------|----------|-------------------|--------------------------------|
| 1    | 42290001 | AADHI T           | Mobile Application Development |
| 2    | 42290002 | AARTHI V          | Mobile Application Development |
| 3    | 42290003 | A E ABISHEK       | Mobile Application Development |
| 4    | 42290004 | ABOORVAN P        | Mobile Application Development |
| 5    | 42290005 | AJAY DEEPAK J     | Mobile Application Development |
| 6    | 42290006 | AKASH E           | Mobile Application Development |
| 7    | 42290007 | AKSHAYA POORANI C | Digital Marketing              |
| 8    | 42290008 | ANUSIYA A         | Mobile Application Development |
| 9    | 42290009 | ARJUN RAJ M       | Mobile Application Development |
| 10   | 42290010 | ARUNKUMAR K       | Mobile Application Development |
| 11   | 42290011 | ARUN M            | Mobile Application Development |
| 12   | 42290012 | ARUN KUMAR M      | Big Data Analytics             |
| 13   | 42290013 | ASVITHA G         | Mobile Application Development |
| 14   | 42290014 | CHIBIYAL I        | Mobile Application Development |
| 15   | 42290015 | DARSHINI G        | Mobile Application Development |
| 16   | 42290016 | DEEPANATHAN R     | Mobile Application Development |
| 17   | 42290017 | DEEPIKA V         | Mobile Application Development |
| 18   | 42290018 | DEEPIKHADEVI V    | Mobile Application Development |
| 19   | 42290019 | DELHISWARI L      | Mobile Application Development |
| 20   | 42290020 | DEVADARSHINI S    | Mobile Application Development |
| 21   | 42290021 | DEVADHARSHINI S   | Mobile Application Development |
| 22   | 42290022 | DHANUSH K         | Mobile Application Development |
| 23   | 42290023 | K DHARSHINI       | Mobile Application Development |
| 24   | 42290024 | DHARSHINY U       | Mobile Application Development |
| 25   | 42290025 | DINO B            | Mobile Application Development |

|    |          |                    |                                |
|----|----------|--------------------|--------------------------------|
| 26 | 42290026 | DITTO D            | Mobile Application Development |
| 27 | 42290027 | DIVYA DHARSHAN R   | Mobile Application Development |
| 28 | 42290028 | DIVYADHARSHINI T   | Mobile Application Development |
| 29 | 42290029 | EINIYAN M          | Mobile Application Development |
| 30 | 42290030 | GOKUL S            | Mobile Application Development |
| 31 | 42290031 | GOPI RENUKA K      | Digital Marketing              |
| 32 | 42290032 | GUKAN M            | Mobile Application Development |
| 33 | 42290033 | HARI PRASATH C     | Mobile Application Development |
| 34 | 42290034 | HARITHA S          | Mobile Application Development |
| 35 | 42290035 | JACQULINE R        | Mobile Application Development |
| 36 | 42290036 | JAMSHIED AHMED S   | Mobile Application Development |
| 37 | 42290037 | JANANI L           | Mobile Application Development |
| 38 | 42290038 | JANICE J           | Mobile Application Development |
| 39 | 42290039 | JAYASHRI S         | Mobile Application Development |
| 40 | 42290040 | JAYASRI S          | Mobile Application Development |
| 41 | 42290041 | JEFRI ANRO G L     | Mobile Application Development |
| 42 | 42290042 | JEMIMAH JASMINE F  | Mobile Application Development |
| 43 | 42290043 | JENISH VERONICA A  | Mobile Application Development |
| 44 | 42290044 | JESVIN R K         | Mobile Application Development |
| 45 | 42290045 | JOYS KEERTHANA D   | Mobile Application Development |
| 46 | 42290046 | KAMALI K A         | Mobile Application Development |
| 47 | 42290047 | KARTHIK BALA R     | Mobile Application Development |
| 48 | 42290048 | KAVITHA K          | Mobile Application Development |
| 49 | 42290049 | KAVITHA K          | Mobile Application Development |
| 50 | 42290050 | KAVIYA M           | Mobile Application Development |
| 51 | 42290051 | KAVIYA S           | Mobile Application Development |
| 52 | 42290052 | KISHORE KUMAR R    | Mobile Application Development |
| 53 | 42290053 | LAVANYA T          | Mobile Application Development |
| 54 | 42290054 | MAATHANKI S        | Mobile Application Development |
| 55 | 42290055 | MADHAN RAJ S       | Mobile Application Development |
| 56 | 42290056 | MAHA P             | Mobile Application Development |
| 57 | 42290057 | MANJEET SHARMA.V   | Mobile Application Development |
| 58 | 42290058 | MANOJKUMAR R       | Mobile Application Development |
| 59 | 42290059 | MANOSREE D         | Mobile Application Development |
| 60 | 42290060 | MEGALA V           | Mobile Application Development |
| 61 | 42290061 | MEKANA M           | Mobile Application Development |
| 62 | 42290062 | MIRTHULA SRI A     | Mobile Application Development |
| 63 | 42290063 | MITUL ASWIN S      | Mobile Application Development |
| 64 | 42290064 | MOHANAPRIYA R      | Big Data Analytics             |
| 65 | 42290065 | MONIKA G           | Mobile Application Development |
| 66 | 42290066 | MUTHU KRISHNAN R   | Mobile Application Development |
| 67 | 42290067 | NAFEESA HAFSAH A R | Mobile Application Development |
| 68 | 42290068 | NAVEEN R           | Mobile Application Development |
| 69 | 42290069 | NILESH             | Mobile Application Development |

|     |          |                         |                                |
|-----|----------|-------------------------|--------------------------------|
| 70  | 42290070 | OMPRAKASH M             | Mobile Application Development |
| 71  | 42290071 | PAVITHRA G              | Mobile Application Development |
| 72  | 42290072 | PAVITHRA K              | Mobile Application Development |
| 73  | 42290073 | PREETHI M               | Mobile Application Development |
| 74  | 42290074 | PREETHI V               | Mobile Application Development |
| 75  | 42290075 | PRISHA S                | Mobile Application Development |
| 76  | 42290076 | PRIYADHARSAN G          | Mobile Application Development |
| 77  | 42290077 | PRIYANKA K              | Mobile Application Development |
| 78  | 42290078 | RAGAVI S                | Mobile Application Development |
| 79  | 42290079 | RAHUL M                 | Mobile Application Development |
| 80  | 42290080 | RAJKUMAR S              | Mobile Application Development |
| 81  | 42290081 | RAMANATHAN K            | Mobile Application Development |
| 82  | 42290082 | RANGARAJAN R            | Mobile Application Development |
| 83  | 42290083 | RAVI KUMAR P            | Mobile Application Development |
| 84  | 42290084 | RICKY ANTONY Y L        | Big Data Analytics             |
| 85  | 42290085 | ROHITH M                | Mobile Application Development |
| 86  | 42290086 | ROSARY JOVAN S          | Mobile Application Development |
| 87  | 42290087 | ROSHAN HARISH           | Mobile Application Development |
| 88  | 42290088 | K SAI SARVESH           | Mobile Application Development |
| 89  | 42290089 | SANDHIYA R              | Mobile Application Development |
| 90  | 42290090 | SANDHYAA K              | Mobile Application Development |
| 91  | 42290091 | SANTHOSH KUMAR K        | Mobile Application Development |
| 92  | 42290092 | SANTHOSH KUMAR S        | Mobile Application Development |
| 93  | 42290093 | SATHISH C               | Mobile Application Development |
| 94  | 42290094 | S SAVITHA               | Mobile Application Development |
| 95  | 42290095 | SHAKTHI SHREE M         | Mobile Application Development |
| 96  | 42290096 | SHALINI L               | Mobile Application Development |
| 97  | 42290097 | SHANNON V A             | Mobile Application Development |
| 98  | 42290098 | SHARMILA K              | Mobile Application Development |
| 99  | 42290099 | SHARMILA S              | Mobile Application Development |
| 100 | 42290100 | SHARUKESH RAHUL KANTH S | Mobile Application Development |
| 101 | 42290101 | SHERINA BIBIANA P       | Mobile Application Development |
| 102 | 42290102 | SHIJU HARRIS A          | Mobile Application Development |
| 103 | 42290103 | SHOBAN KUMAR E          | Mobile Application Development |
| 104 | 42290104 | SHOBANA. N              | Mobile Application Development |
| 105 | 42290105 | SHRUTHI R M             | Mobile Application Development |
| 106 | 42290106 | SIDDHARTHAN.S           | Mobile Application Development |
| 107 | 42290107 | SIMON F                 | Mobile Application Development |
| 108 | 42290108 | SIVA S                  | Mobile Application Development |
| 109 | 42290109 | SNOWLIN MELANIE S       | Mobile Application Development |
| 110 | 42290110 | SOMASUNDARA VASAN G     | Mobile Application Development |
| 111 | 42290111 | SRI SANTH V             | Mobile Application Development |
| 112 | 42290112 | SRILAKSHYA A            | Mobile Application Development |

|     |          |                     |                                |
|-----|----------|---------------------|--------------------------------|
| 113 | 42290113 | STEVE AKASH S       | Mobile Application Development |
| 114 | 42290114 | SUJATHA G           | Mobile Application Development |
| 115 | 42290115 | SUYAMBULINGAM G     | Mobile Application Development |
| 116 | 42290116 | SWATHI S            | Mobile Application Development |
| 117 | 42290117 | SYED ZARAAR SHAKEEB | Mobile Application Development |
| 118 | 42290118 | THIRISHA V          | Mobile Application Development |
| 119 | 42290119 | J TRISHA            | Mobile Application Development |
| 120 | 42290120 | VENKATESH R         | Mobile Application Development |
| 121 | 42290121 | S VENUGOPAL         | Mobile Application Development |
| 122 | 42290122 | VETRI VELAN S       | Cyber Law                      |
| 123 | 42290123 | VICKNESHWAR S       | Mobile Application Development |
| 124 | 42290124 | VIGNESHWARI M       | Mobile Application Development |
| 125 | 42290125 | VISAL M K           | Mobile Application Development |
| 126 | 42290126 | VISHALI H           | Mobile Application Development |
| 127 | 42290127 | V VISHAL IMMANUEL   | Mobile Application Development |
| 128 | 42290128 | VISHNU P            | Mobile Application Development |
| 129 | 42290129 | AKSHAN S            | Mobile Application Development |
| 130 | 42290130 | ALBERT J            | Mobile Application Development |
| 131 | 42290131 | ABINAYA R           | Mobile Application Development |
| 132 | 42290132 | SUJEETHRA K         | Mobile Application Development |
| 133 | 42290133 | SHAAM S             | Mobile Application Development |
| 134 | 42290134 | SUGESAN D           | Mobile Application Development |



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## SCHOOL OF SCIENCE AND HUMANITIES

### DEPARTMENT OF COMPUTER SCIENCE

PROG: M. Sc CS

BATCH: 2023-2025

SEM: II

#### ELECTIVES

| S. No. | Reg. Number | Student Name             | Elective             |
|--------|-------------|--------------------------|----------------------|
| 1      | 43734001    | DAMERLA TEJA SAI VARDHAN | Open-Source Tools    |
| 2      | 43734002    | EZHILARASI A             | Open-Source Tools    |
| 3      | 43734003    | HEMAVATHI S              | Open-Source Tools    |
| 4      | 43734004    | MAHALAKSHMI V            | Open-Source Tools    |
| 5      | 43734005    | MONISHA T                | Open-Source Tools    |
| 6      | 43734006    | NANDHA KUMAR G           | Open-Source Tools    |
| 7      | 43734007    | RISHIKANTH K.C           | Open-Source Tools    |
| 8      | 43734008    | SNEGA M                  | Information Security |
| 9      | 43734009    | SUBASH S                 | Open-Source Tools    |
| 10     | 43734010    | N.VISMITHA               | Open-Source Tools    |
| 11     | 43734011    | NAVEENRANGASAMY. B       | Open-Source Tools    |
| 12     | 43734012    | ROOBAN GEORGE            | Open-Source Tools    |
| 13     | 43734013    | AKIMA A THOMAS           | Open-Source Tools    |
| 14     | 43734014    | P. SWETHA                | Open-Source Tools    |
| 15     | 43734015    | D. PRADEEP               | Open-Source Tools    |
| 16     | 43734016    | PARASURAM B.R            | Open-Source Tools    |
| 17     | 43734017    | AKIL SANTHOSH DARSAN M   | Open-Source Tools    |
| 18     | 43734018    | SANJAY. B                | Open-Source Tools    |
| 19     | 43734019    | SHRINIDHI S K            | Information Security |
| 20     | 43734020    | ARI GANESH. M.U          | Open-Source Tools    |
| 21     | 43734021    | DIVYA A D                | Open-Source Tools    |
| 22     | 43734022    | DIVYA. P                 | Open-Source Tools    |
| 23     | 43734023    | DHANUSH. K               | Open-Source Tools    |
| 24     | 43734024    | JANARTHANAN M            | Open-Source Tools    |
| 25     | 43734025    | GOWTHAM. G               | Open-Source Tools    |
| 26     | 43734026    | ANUSHA. M                | Open-Source Tools    |

|    |          |                   |                         |
|----|----------|-------------------|-------------------------|
| 27 | 43734027 | GAYATHRI K        | Open-Source Tools       |
| 28 | 43734028 | AISHWARYA N       | Open-Source Tools       |
| 29 | 43734029 | IMRAN F           | Social Network Analysis |
| 30 | 43734030 | VASAVI A U        | Open-Source Tools       |
| 31 | 43734031 | JAGADEESHWARAN K  | Open-Source Tools       |
| 32 | 43734032 | JACK SMITH. J     | Open-Source Tools       |
| 33 | 43734033 | GURU PRASAD L     | Open-Source Tools       |
| 34 | 43734034 | PRAVEENKUMAR. K   | Computer Vision         |
| 35 | 43734035 | KIRAN RAJ. M      | Open-Source Tools       |
| 36 | 43734036 | TILAK. S          | Open-Source Tools       |
| 37 | 43734037 | MAHALAKSHMI K     | Open-Source Tools       |
| 38 | 43734038 | NAVEEN. S         | Computer Vision         |
| 39 | 43734039 | JAYASHREE. S      | Open-Source Tools       |
| 40 | 43734040 | ASHA RENI N       | Open-Source Tools       |
| 41 | 43734041 | TAMILMARAN. R     | Open-Source Tools       |
| 42 | 43734042 | SANTHOSH. S       | Open-Source Tools       |
| 43 | 43734043 | FOUZIA FATHIMA. K | Open-Source Tools       |
| 44 | 43734044 | KATHIR M          | Open-Source Tools       |
| 45 | 43734045 | BHANUMATHI A      | Open-Source Tools       |
| 46 | 43734046 | NITHYASRI S       | Open-Source Tools       |
| 47 | 43734047 | KAVIYA E          | Open-Source Tools       |



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## **SCHOOL OF SCIENCE AND HUMANITIES**

### **DEPARTMENT OF COMPUTER SCIENCE**

#### **CIRCULAR**

DATE: 15<sup>th</sup> December 2023

The Department of Computer Science is offering the following electives for the B.Sc Computer Science (2021-2024), B.Sc Computer Science with AI (2021-2024), B.Sc Computer Science (2022-2025), and M.Sc Computer Science (2023-2025) based on the selection by the students.

For 2021-2024 batch B.Sc Computer Science Students are informed to select one elective for even (VI) semester.

| <b>S.no</b> | <b>Course code</b> | <b>Course title</b>                   |
|-------------|--------------------|---------------------------------------|
| 1           | SBSA3001           | Design and Analysis of Algorithms     |
| 2           | SBSA3002           | Data Mining and Warehousing           |
| 3           | SBSA3004           | Software Testing                      |
| 4           | SBSA3006           | Software Quality Management           |
| 5           | SBSA3007           | Digital Marketing                     |
| 6           | SBSA3008           | Big Data Analytics                    |
| 7           | SBSA3010           | Introduction to Internet of Things    |
| 8           | SBSA3011           | Foundation of Artificial Intelligence |
| 9           | SBSA3012           | Cyber Law                             |

Majority of the students have selected, **SBSA3007 Digital Marketing**

As per the majority preference, the above elective is offered to the students.

For 2021-2024 batch B.Sc Computer Science with AI Students are informed to select one elective for even (VI) semester

| S.no | Course code | Course title                       |
|------|-------------|------------------------------------|
| 1    | SBSA3003    | Mobile Application Development     |
| 2    | SBSA3005    | Software Architecture              |
| 3    | SBSA3007    | Digital Marketing                  |
| 4    | SBSA3012    | Cyber Law                          |
| 5    | SBSA3013    | Augmented And Virtual Reality      |
| 6    | SBSA3014    | AI In Speech Processing            |
| 7    | SBSA3015    | AI for Clinical Information System |
| 8    | SBSA3016    | Data Science                       |
| 9    | SBSA3017    | Deep Learning                      |
| 10   | SBSA3018    | Knowledge Management System        |
| 11   | SBSA3019    | Natural Language Processing        |

Majority of the students have selected, **SBSA3007 Digital Marketing**  
As per the majority preference, the above elective is offered to the students.

For 2022-2025 batch B.Sc Computer Science Students are informed to select one elective for even (IV) semester

| S.no | Course code | Course title                          |
|------|-------------|---------------------------------------|
| 1    | SBSA3001    | Design and Analysis of Algorithms     |
| 2    | SBSA3002    | Data Mining and Warehousing           |
| 3    | SBSA3003    | Mobile Application Development        |
| 4    | SBSA3004    | Software Testing                      |
| 5    | SBSA3005    | Software Architecture                 |
| 6    | SBSA3006    | Software Quality Management           |
| 7    | SBSA3007    | Digital Marketing                     |
| 8    | SBSA3008    | Big Data Analytics                    |
| 9    | SBSA3009    | Network Security                      |
| 10   | SBSA3010    | Introduction to Internet of Things    |
| 11   | SBSA3011    | Foundation of Artificial Intelligence |
| 12   | SBSA3012    | Cyber Law                             |

Majority of the students have selected, **SBSA3003 Mobile Application Development**  
As per the majority preference, the above elective is offered to the students.

For 2023-2025 batch M.Sc Students are informed to select one elective for even (II semester)

| S.No | Course Code | Course Title                   |
|------|-------------|--------------------------------|
| 1    | SBSB7001    | Advanced Distributed Computing |
| 2    | SBSB7002    | Big Data Tools and Techniques  |
| 3    | SBSB7003    | Computer Vision                |
| 4    | SBSB7004    | Information Security           |
| 5    | SBSB7005    | Open-Source Tools              |
| 6    | SBSB7006    | Social Network Analysis        |

Majority of the students have selected, **SBSB7005 Open-Source Tools**  
As per the majority preference, the above elective is offered to the students.



Dean, Arts and Sciences

Dr. REKHA CHAKRAVARTHI, M.E., Ph.D.,  
DEAN, ARTS AND SCIENCES  
**SATHYABAMA**  
INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)  
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.