| 2019 - 2020 | HISTORIA | Version - 15 |

Words from the Editor in Chief

"Yesterday's failures are today's seeds that must be diligently planted to be able to abundantly harvest tomorrow's success"

Hearty Greetings!!! I feel extremely dignified for my supremacy over this department of IT. It has always been a new venture at every juncture. I fulfill my duty of accordance. Our department proudly steps into advancing in learning, teaching and progression. Also I'm hoping to accomplish innovative things in the upcoming year that will bring us together so that we can build a new innovative grass root movements of our department. I endorse my students for their excellence in the platform that we contrived for them.Besides education, we are navigating our students to participate in Co-Curricular and Extracurricular activities. Also we are encouraging our students to bring out the best in them. Besides placement training classes, we are molding the students of Second and Third year by conducting Communication and Technical session being handled by students of our department itself. Also, I would like to convey my appreciation for the students who got placed in various product companies as well as MNCs. Also, we are sprucing up Industrial Visit to the students in order to make them realize the significance of practical knowledge. My challenge was to get my department on board with this external invasion. I bring forth my note of gratitude to all the pupils and faculties who allowed me to relish in my duty and leadership. It gives me so much pleasure that I would say our department being notable for its Academics and Innovation. Student should realize that it doesn't matter what they know but what they do with that matters a lot. Go, Run, Cherish and pursue what you want.

VISION OF THE DEPARTMENT

"To develop IT Professionals of the best caliber with Entrepreneurship Zeal."

MISSION OF THE DEPARTMENT

- To establish a best Learning Environment that helps the Students to face the Challenges of IT field.
- To enable the Students to develop Skills for solving Technical Problems and also endorse Collaborative and Multidisciplinary activities.
- To induce Entrepreneurial mindset amongst Students and develop the necessary Skills to meet the Entrepreneurial needs of the Society.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

- **PEO1:** Graduates of the program will be proficient in identifying, formulating and solving complex problems by applying their knowledge of mathematics, science and information technology principles.
- **PEO2**: Graduates of the program will be capable of analyzing, designing, implementing and managing software projects through continuous learning and use modern tools to meet real world constraints.
- **PEO3**: Graduates of the program exhibits professionalism with ethical attitude, excellent communication and term spirit to Satisfy society needs.

PROGRAM SPECIFIC OUTCOMES (PSOS)

- **PSO1**:Able to design and develop software solutions by employing appropriate problem solving strategies ,including Logically thinking ,Create a user interface, Write code to connect a front end user interface with a backend database using a contemporary object-oriented language.
- **PSO2:** Ability to design and develop mobile applications and Web based applications with testing skills which consequently leads to employability and entrepreneurship skills.

TECHNICAL PROGRAMMES

1. FDP on "Theory of Computation"

IEI Sponsored Three Days Faculty Development Programme On "Theory of Computation" was held on June 6 – 8, 2019. It was inaugurated by Dr.N.Rajkumar - Head of the Department of Information Technology.

The sessions were handled by Mr. A.Bharanidharan, Asst. Prof (Sl.Grade) - Department of CSE, Sri Ramakrishna Engineering College, Coimbatore, Ms. M. Prathilothamai, Assistant Professor - Department of CSE, Amrita University,
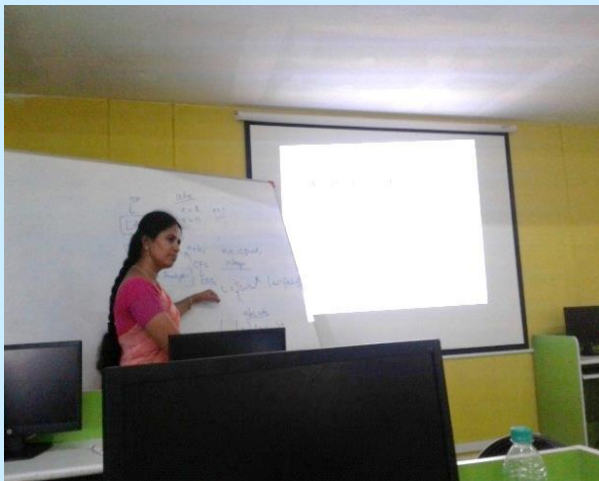
Coimbatore and Ms.G.Shobana, Assistant Professor - Department of CSE, Kumaraguru College of Technology, Coimbatore. More than 50 faculty members from various colleges participated and benefited from this FDP.

2. Guest Lecture on "Interview Tips and Motivational Speech"

Guest Lecture on "Interview Tips and Motivational Speech" was conducted on 13th July 2019. The session was inaugurated by Dr.N.Rajkumar- Head of the Department of Information Technology.

The Event was handled by Mr.Prakash Subramaniam, Team Manager -Pactron India Pvt Ltd, Coimbatore. This Guest Lecture is organized to make our students motivated for the preparation of Placement and focussing on improving their mental strength by providing some useful tips for interview preparation. More than 100 students have attended and got an insight into resume preparation.

3. Workshop on "Data Mining Tool"

One day workshop on **"Data Mining Tool"** was conducted on **17th August 2019**. It was inaugurated by Dr.N.Rajkumar- Head of the Department of Information Technology.

The sessions were handled by Ms. E. Elakiya, Assistant Professor, E G. S. Pillay Engineering College, Nagapattinam and Mr. R. Kanagaraj, Assistant Professor, Sri Ramakrishna Engineering College, Coimbatore. The main objective of the program is to obtain knowledge on WEKA tool, RapidMiner and R Tool, is the process of analyzing data, transforming and modeling data with the goal of discovering useful information. Around 200 students were benefited from this program.

NON-TECHNICAL PROGRAMMES

1. Placement Training

The key to solving a persistent learning challenge is to strengthen a person's basic processing or cognitive skill set. Having well understood the need of the hour, we have provided our students with an effective placement training that would improve their cognitive skills beyond their level of comprehension. The training is provided every week by Corporate Relations Cell for the final year, third year and second year students.

2. Communication Class

Communicating the intended message clearly and effectively is an important skill, which is often a key factor in deciding the chances of success. To improve such key factor, our students were trained weekly by Corporate Relations Cell and have found the programme very effective.

PAPER PUBLICATIONS BY FACULTY MEMBERS

S.No	Name of the Author	Title of the paper	Name of the Journal, Volume No, Issue No, Page No, Month and Year
1	Dr Rajkumar N Professor & Head	Non-Small-Cell Lung Cancer Prediction using Radiomic Features and Machine Learning Methods	International Journal of Computers and Applications (Taylor and Francis), https://doi.org/10.1080/1206212X.2019.1693723, pp. 3571–3580, Nov 2019
2	Dr Rajkumar N Professor & Head	In Text Mining: Detection of Topic and Sub-Topic using Multiple Spider Hunting Model	International Journal of Ambient Intelligence and Humanized Computing (Springer), https://doi.org/10.1007/s12652-019-01588-5, pp.3571–3580, Nov. 2019
3	Dr Rajkumar N Professor & Head	Complex Urban Surveillance by tracking and detection of Vehicles	JASC: Journal of Applied Science and Computations, Vol.06, Iss.06, pp. 3571–3580, Jun 2019
4	Ms Indirani M Assistant Professor	Research on Salient Object Detection Using Deep Learning and Segmentation Methods	International Journal of Recent Technology and Engineering, Vol. 08, Sep 2019

BOOK PUBLICATIONS BY FACULTY MEMBERS

S.No	Name of the Authors	Title of the Book	Published By	ISBN Number	Year of Publication
1	Ms Revathi P Mr Premkumar C D	Microcontroller and Embedded Systems	Shanlax Publications	978-93-89658-24-8	2019
2	Ms Revathi P Ms Gomathi S	Computer Networks	Shanlax Publications	978-93-88398-71-8	2019

PATENTS PUBLISHED/GRANTED BY FACULTY MEMBERS

S.No	Name of the Authors	Title of Invention	Application Number	Status	Date of Published/ Filed
1	Dr.N Rajkumar	Automatic Recognition of Chronological Age Using BAA and DAA	201941052546	Published	18/12/2019
2	Ms Uma J	An Automated Iot Based Agriculture Monitoring System With Pluralityof Sensors To Detect Parameters Related Thereoff	201941049558	Published	20/12/2019

FACULTY PARTICIPATION IN INDUSTRY TRAINING

S.No	Name of the Faculty	Event	Title	Organized By	Held on
1.	Mr Ganesan M	Training	Train The Trainer Workshop on "INFYTQ based FP"	Erode Sengunthar Engineering College	27.06.2019 to 29.06.2019
2.	Mr Swaminathan G	Training	RedHat Certified System Administrator	Red Hat Software	28.10.2019 to 29.11.2019

FDP, WORKSHOPS AND SEMINAR ATTENDED BY FACULTY MEMBERS

S.No	Name of the Faculty	Title	Organized By	Held On
1.	Mr.M.Ganesan	FDP on Theory of Computation	IT dept. Hindusthan college of Engineering and Technology	06-08 June 2019
2.	Mr.K.Sudhakar	FDP on Theory of Computation	IT dept. Hindusthan college of Engineering and Technology	06-08 June 2019
3.	Ms. J.Uma	IEI Sponsored Three days FDP on " Theory of computation"	Hindusthan college of Engineering and Technology	6-8 June 2019
4.	Mr.M.Ganesan	Train The Trainer Workshop on "INFYTQ based FP"	Erode Sengunthar Engineering College	27-29 June 2019
5.	Mr.M.Ganesan	FDP on Cloud Infrastructure and Services	CSE dept. Hindusthan college of Engineering and Technology	12-14 June 2019
6.	Mr.K.Sudhakar	FDP on Cloud Infrastructure and Services	CSE dept. Hindusthan college of Engineering and Technology	12-14 June 2019
7.	I PradeepKumar	Workshop on "Writing Science, Engineering and Technologies in Tamil"	Anna University, Coimbatore	11th Oct 2019
8.	Ms. J.Uma	FDP on Disruptive Technologies & Including Life Skills	Coimbatore Society of India,Coimbatore Chapyer	15th Oct 2019
9.	Ms.M.Indirani	Workshop on High Intense Course on Machine Learning with MATLAB	Coimbatore Institute of Technology	19-23 Oct 2019
10.	Ms.P.Revathi	FDP on Cyber Security	Government College of Engineering , Srirangam	21-25 Oct 2019

S.No	Name of the Faculty	Title	Organized By	Held On
11.	Ms.S.Gomathi	FDP on CYBER SECURITY	Government College of Engineering , Srirangam	21-25 Oct 2019
12.	Ms.S. Jeevitha	FDP on Engineering Technology Trends:Machine Learning, Deep Learning and Blockchain	PSG College of technology	4-10 Nov 2019
13.	Ms.KomalaDevi	FDP on Machine Learning	Imarticus Learning Coimbatore	16th Nov 2019
14.	Mr.N.Ilayaraja	FDP on Deep Learning in Bio-Medical Applications for IoT	Hindusthan college of Engineering and Technology	4-17 Nov 2019
15.	Mrs.N.Yamuna	FDP on Deep Learning in Bio-Medical Applications for IoT	Hindusthan college of Engineering and Technology	4-17 Nov 2019
16.	Dr.B.Gomathi	FDP on Deep Learning in Bio-Medical Applications for IoT	Hindusthan college of Engineering and Technology	4-17 Nov 2019
17.	Mr.S.Karthic	FDP on Deep Learning in Bio-Medical Applications for IoT	Hindusthan college of Engineering and Technology	4-17 Nov 2019
18.	I PradeepKumar	FDP on Deep Learning in Bio-Medical Applications for IoT	Hindusthan college of Engineering and Technology	4-17 Nov 2019
19.	Dr.D.Rasi	STTP on Research Directions On Green IoT for Smart Environment	Sri RamaKrishna Engineering College	25-30 Nov 2019
20.	Ms.K.Kavitha	STTP on Research Directions On Green IoT for Smart Environment	Sri RamaKrishna Engineering College	25-30 Nov 2019
21.	Ms.P. Anitha	STTP on Retuning Industrial Challenges Using IoT and Deep Learning	Coimbatore Institute of Technology	25 Nov -1 Dec 2019
22.	Ms.J.Uma	STTP on Retuning Industrial Challenges Using IoT and Deep Learning	Coimbatore Institute of Technology	25 Nov -1 Dec 2019

NPTEL ONLINE CERTIFICATION COMPLETED BY FACULTY MEMBERS

Ms YAMUNA N
Assistant Professor
Elite+Silver
Programming, Data Structures
and Algorithms Using Python
Jul - Dec 2019

Ms ANITHA P
Assistant Professor
Elite+Silver
Programming In Java
Jul - Dec 2019

Mr.N ILAYARAJA
Assistant Professor
Elite+Silver
The Joy of Computing using
Python
Jul - Dec 2019

Mr.KARTHIC S
Assistant Professor
Elite+Silver
The Joy of Computing using
Python
Jul - Dec 2019

Mr PREMKUMAR C D
Assistant Professor
Elite
Digital Image Processing
Jul - Dec 2019

Ms INDIRANI M
Assistant Professor
Computer Networks
Jul - Nov 2019

Ms REVATHI P
Assistant Professor
Introduction to Computer
Networks and Internet Protocols
Jul - Oct 2019

Mr MAHAVEERAKANNAN R
Assistant Professor
Computer Networks
Jul - Nov 2019

LIST OF STUDENTS WHO UNDERGONE IMPLANT/INTERNSHIP TRAINING

S.No	Name	Name of Organization	Trained on	Period
1	Cylvia Maybell N	ONEYES Technologies	Web Development	23.11.2019 to 27.11.2019
2	Aishwarya G			
3	Kevin K S			
4	Betsin Kuruvila Mekkat	Champion Infometrics	Digital Marketing	02.12.2019 to 13.12.2019
5	Devanarayanan.P			
6	Riyagencika P	Dotsage Web Services	App Development	18.11.2019 to 29.11.2019
7	Saranya S			
8	Ruban Kumar B	Cometo Digital pvt Ltd	UI/UX Design	21.09.2019 to 21.10.2019
9	Mohammed Faiz M	Azura Software Solutions	Web Development	17.05.2019 to 03.06.2019
10	Vishnupriya B	Techvolt Software Pvt Ltd	Python	09.12.2019 to 17.12.2019
11	Nihala M P	Local Shoppy India Pvt Ltd	Web Development	21.05.2019 to 10.06.2019
12	Vasanth V P	Infoziants Systems Pvt Ltd	Python	15.05.2019 to 29.05.2019
13	Surya Prakash M			
14	Melvin Jebapriyan B	Bharat Sanchar Nigam Ltd	Cellular	26.12.2019 to 28.12.2019

WORKSHOPS, SEMINAR ATTENDED BY STUDENT

S.No.	Class/Sem	Name of the Student	Title	Organized by
1.	III A/V	G.Ashwin	Deep Learning with Python	Karunya Institute of Technoloy and Science
2.	II A/III	R.Hariharan	Advanced Ethical Hacking	M.I.E.T. Engineering college
3.	II A/III	Betsin Kuruvila Mekkat	Advanced Ethical Hacking	M.I.E.T. Engineering college
4.	II A/III	P.Devanarayanan	Advanced Ethical Hacking	M.I.E.T. Engineering college
5.	III A/V	B. Melvin Jeba Priyan	Power of Big Data in Cyber Security	Hindusthan College of Engineering and Technology
6.	III A/V	R.Kaviyarasu	Power of Big Data in Cyber Security	Hindusthan College of Engineering and Technology
7.	III A/V	S.Manibharathi	Power of Big Data in Cyber Security	Hindusthan College of Engineering and Technology
8.	III A/V	K.Aboorvan	Servicing of Mobile Phone	Hindusthan College of Engineering and Technology
9.	III A/V	K.V.Harishraj	Servicing of Mobile Phone	Hindusthan College of Engineering and Technology
10.	III A/V	R.Kaviyarasu	Servicing of Mobile Phone	Hindusthan College of Engineering and Technology
11.	II A/IV	K.S.Kevin	Servicing of Mobile Phone	Hindusthan College of Engineering and Technology
12.	II A/IV	A.Ajit	Servicing of Mobile Phone	Hindusthan College of Engineering and Technology
13.	II B/IV	J.Rafiq	Servicing of Mobile Phone	Hindusthan College of Engineering and Technology

EXTRA CURRICULAR ACTIVITIES

S. No	Class/Sem	Name of the Student	Name of the Event	Name of the programme and Venue	Date	Prize
1	II B/III	S. Ranjith	Yoga	Kamaraj College Thoothukud	24th August 2019	First

Ms.S. Ranjith, II Year IT B won first prize in Yoga Competition

Mr.M.Rajan Our student
(Batch 2017-2021) runner in 30th Senior
National Sepaktakraw. Ranchi, Jharkhand.

Mr.C.Surya Our student
(Batch 2017-2021) Participated in Volley
Ball in National Level Sports Fest

Mr.K.Praveenkumar has won Gold in Hockey

Mr.R.Cibipravanth has Won First Prize in Football

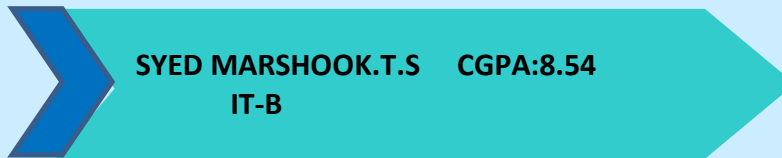## CLASS TOPPERS LIST (2019 - 2020) ODD

FINAL YEAR

AARTHI.L   **CGPA:8.79**
IT-A

M.VIGNESH   **CGPA:8.54**
IT-B

SYED MARSHOOK.T.S   **CGPA:8.54**
IT-B

THIRD YEAR

K.CHANDRAHASHINI   CGPA – 8.74
IT-A

R.NIVETHA   CGPA – 8.83
IT-B

SECOND YEAR

LOKESH S   **CGPA:9.12**
IT-A
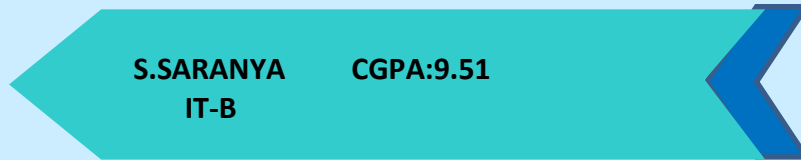
S.SARANYA   **CGPA:9.51**
IT-B

**STTP ATTENDED BY FACULTY MEMBER**

Mr.C.D.Prem Kumar, Assistant Professor has completed a Short Term Training Programme on
"CS8493 - Operating Systems" organized by MIT Campus,
Anna University, Chennai from 3rd to 7th Dec, 2019

Ms.P.Anitha, Assistant Professor acted as resource person to TEQIP III Sponsored Workshop on Introduction to Web Designing on 18.12.2019 at Government College of Technology, Coimbatore.
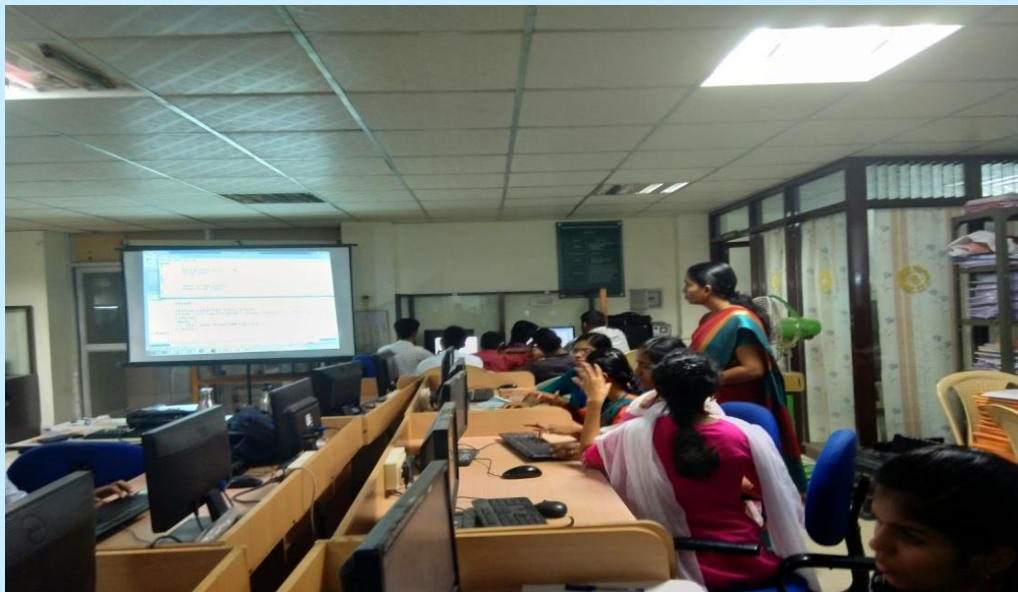
Ms.K.Kavitha, Assistant Professor acted as resource person to TEQIP III Sponsored Workshop on Introduction to Web Designing on 18.12.2019 at Government College of Technology, Coimbatore.

PLACED STUDENTS

TATA CONSULTANCY SERVICES (3.5 LPA)

ANANTHA KUMAR.N, IV IT A	M.VIGNESH, IV IT B	PRARTHANA.M, IV IT B
EBINEZER PAUL, IV IT A	THOUFIQ AHAMED.N, IV IT B	SHANTHINI.S, IV IT B

SKAVA (3.5 LPA)

ANANTHA KUMAR.N, IV IT A	NANTHINI P, IV IT B	KIRUBASHANKAR K, IV IT A

MITSOGO (4 LPA)

ANANTHA KUMAR.N, IV IT A

INFOSYS (3.5 LPA)

M.VIGNESH, IV IT B

NAVEEN KUMAR.R, IV IT -A

DUCEN IT SOLUTIONS (4.25 LPA)

ABARNA.R, IV IT A

COGNIZANT TECHNOLOGY SOLUTIONS (4 LPA)

PRARTHANA.M,
IV IT B

AARTHI.L
IV IT A

GOKUL.P.M
IV IT A

INBA SELVAN.A
IV IT A

MAHIMA GRACE.A
IV IT A

SURIYA.R
IV IT B

VAIRAMANI GOKILA.N
IV IT B

SYED MARSHOOK.T.S
IV IT B

L & T INFOTECH (3.5 LPA)

MELKIN.M,
IV IT A

CIBI PRAVANTH.R
IV IT A

GRACELIN ANGEL.A
IV IT A

NIVETHIHA.K
IV IT A

PRITHVI MARATHE.D
IV IT B

RAMYA BHARATHI.K
IV IT B

SONIA.R
IV IT B

SANTHOSH.N
IV IT B

SARANYA.V
IV IT B

ATOS SYNTEL (3.25 LPA)

PRAVEEN KUMAR.K
IV IT B

AJAY.S
IV IT A

SOWNDHARYA R
IV IT B

VIJAYKUMAR M
IV IT B

MANIKANDAN P
IV IT A

ECH MAHINDRA(4 LPA)

SIVARAM.V
IV IT B

PALANIAPPAN.N
IV IT B

ASHA.P
IV IT A

ELAVARASAN.M
IV IT A

KISHORE KUMAR.R
IV IT A

POOJA.M
IV IT B

RAMYASHREE.M
IV IT B

SUBASH.S
IV IT B

SWETHA.P
IV IT B

ARUN KUMAR.T
IV IT A

ARJUN.T
IV IT A

CHRISTON DANN
IV IT A

JHUAN THOMAS
IV IT A

INNIVE BUSINESS SOLUTIONS(2 LPA)

POOJA KRISHNALAKSHMI.R

IV IT B

SANGAVI .M

IV IT B

SHOWMIYA .K

IV IT B

AMAZON (2.5 LPA)

NIVEDHA.S, IV IT A

K LABS TECHNOLOGY AND SOLUTIONS (2 LPA)

VAISHNAVI .M
IV IT B

VARSHINI .S
IV IT B

CAPGEMINI(3.5 LPA) & CRAYONTE TECHNOLOGIES (3 LPA)

KISHORE.A
IV IT A

MARI SELVAM
IV IT A

WIPRO HR SERVICES (3.2 LPA)

POOJAPRIYA.M, IV IT B

AJITHKUMAR.M, IV IT A

NEW MENTORS

**"Hearty wishes and warm welcome to the following staffs
who recently joined in our Department"**

Dr.N.RAJKUMAR

Professor & Head

Mr.S.KARTHIC

Assistant Professor

Mr.N.ILAYARAJA

Assistant Professor

Ms. J.UMA

Assistant Professor

Mr.I.PRADEEPKUMAR

Assistant Professor

Ms.K.KOMALADEVI

Assistant Professor

Ph.D REGISTERED FACULTY

Congratulations!!!

for getting Recommended to pursue their Ph.D (Part Time) in

Anna University, Chennai

Ms. P.ANITHA

Assistant Professor

Department of information Technology

EDITORIAL BOARD

CHIEF EDITOR

Dr Rajkumar N

Head of the Department

Department of Information Technology

EDITOR

Ms Revathi P

Assistant Professor

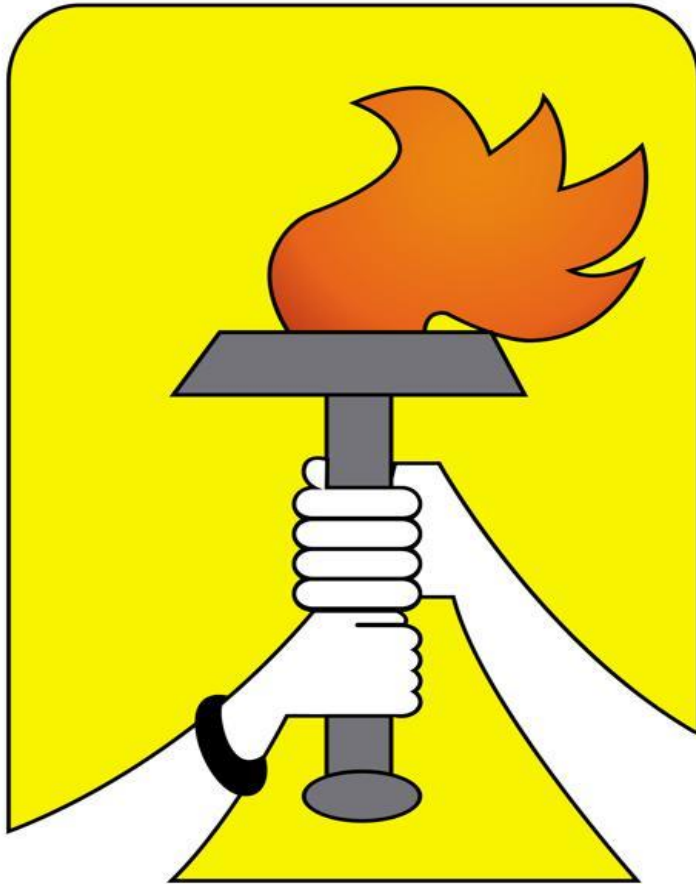Department of Information Technology

DESIGN BY

Ms Varsha C

Third Year IT- B

Department of Information Technology

HINDUSTHAN EDUCATIONAL AND CHARITABLE TRUST

HICET