



Dr. MAHALINGAM

MCET

COLLEGE OF ENGINEERING AND TECHNOLOGY

Enlightening Technical Minds



INFOQUEST

- A technical magazine

Department of
Information
Technology

Dr. Mahalingam college of Engineering and
Technology

NPT-MCET campus,

Udumalai road, Pollachi – 642003

Coimbatore – District, Tamilnadu, India.

Volume 15, Issue 1 March 2022

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M.Nivetha, AP/IT

KS.Sudhishna, AP/IT

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M Maharishi (19BIT100)

V G Susmitha (19BIT004)

S Alagu Nandhitha
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V.Swathiga (19BIT087)

K.Subashree (19BIT081)

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Department of Information Technology

Vision

To become a Centre of Excellence in education and research in the field of Information Technology, to meet global challenges in computing industries.

Mission

To impart world-class knowledge in the field of Information Technology.

To support and facilitate research and development activities.

To promote industry-institute interactions to empower the faculty members and students.

To develop all round personality by inculcating the values and skills needed for students to upgrade themselves as IT professionals.

Programme Educational Objectives (PEOs)

The graduates will:

PEO1. Technical Expertise: Have high level of technical competency to identify problems and to generate innovative solutions, which would conform to the needs of IT industry.

PEO2. Lifelong Learning: Successfully adapt to changes in roles and responsibilities, through lifelong learning, for collaborating professionally with various stakeholders.

PEO3. Ethical Knowledge: Ethically apply their computing knowledge and skills considering societal, economic and environmental factors.

Programme Outcomes (POs)

The graduates of Information Technology Programme will be able to:

PO 1. Engineering knowledge: *Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization in the field of Information Technology.*

PO 2. Problem analysis: *Identify, formulate, analyze and solve complex problems in computing industries using principles of mathematics, natural sciences and engineering sciences.*

PO 3. Design/development of solutions: *Design a software solution for complex engineering problems and design system processes to meet specific needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.*

PO 4. Conduct investigations of complex problems: *Conduct investigations of complex problems including design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusion.*

PO 5. Modern tool usage: *Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.*

PO 6. The engineer and society: *Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.*

PO 7. Environment and sustainability: *Understanding the impact of engineering solutions in social environment and exhibit the knowledge for sustainable expansion.*

PO 8. Ethics: *Realize and bind to professional ethics and the norms of engineering practices.*

Programme Outcomes (POs)

The graduates of Information Technology Programme will be able to:

PO 9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.

PO 10. Communication: Communicate with engineers and society to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions related to IT Professionals.

PO 11. Project management and finance: Demonstrate and apply the knowledge of engineering and management principles to one's own work, as a team leader or a member to manage project in multidisciplinary environments.

PO 12. Life-long learning: Recognize the need for, and have the ability to engage in independent and life-long learning in the context of technological change.

Programme Specific Outcomes

PSO 1. Open Source Software: Able to develop customized solutions for real world problems using open source software.

PSO 2. Data Science: Able to manage, store, retrieve and analyze the voluminous data efficiently.



STUDENT ACTIVITIES

Paper Presentation



Kongu Engineering College, Erode (30/03/22)

S.No.	Student's Details	Year and Department	Title of Paper Presented
1.	Deepak S 20bit021	II IT-A	Machine Learning in Social Networks (II Prize)
2.	Nithesh SJ 20bit011		
3.	Mayurika R G 20bit027		
4.	Vignesh. M 20bit002	II IT-B	Conservation on Ethical Hacking
5.	Yashwanth. A. K 20bit048		
6.	Santhakumar. J. S 20bit050		
7.	Kavinkumar. R 20bit082		

Participation in Intra Collegiate Events



S.No	Student's Details
1.	Keerthika 21bit305
2.	Niranjana R 20bit087
3.	Archuthan T A 20bit043
4.	Yogeshwar S 20bit047
5.	Rithanya Priya Dharshini.V 20bit069
6.	Priyadharshini S 20bit051
7.	Lokeh Kanna S 20bit075
8.	Diganth D 20bit081
9.	Roshan Karthick T 20bit039
10.	Saran S 21bit313
11.	Ragul Karuppiah V 20bit049

Participation in Intra Collegiate Events



S.No	Student's Details
12.	Yaswanth A K 20bit048
13.	Sujith R 20bit040
14.	Sanjay.S 20bit054
15.	Subhiksha. R.S 18bit099
16.	Lakshanaa. G.S 20bit066
17.	Salvin S. Robert 20bit056
18.	Santha Kumar J S 20bit050
19.	Arungarai Selvan E 20bit072
20.	Gurunanthan RA 20bit090
21.	Jagadeesh Naidu.O 20bit092
22.	Madhumitha.P 20bit018
23.	Subhashini.P 20bit010

Participation in Intra Collegiate Events



S.No	Student's Details
1.	Sowmiya.T 20bit006
2.	Sabari Sharan K 20bit084
3.	Saseentharan P 20bit024
4.	Jayasri.S 20bit074
5.	Ayilya.K 20bit080
6.	Jainul Abdeen.H 20bit052
7.	Kamatchi Raja.B 20bit032
8.	Vignesh.M 20bit002
9.	M.Tharun Sakthi 20bit088
10.	R.E.Gowthamraj 20bit044
11.	Roshan Karthick T 20bit039
12.	Saran S 21bit313

Participation in Intra Collegiate Events



S.No	Student's Details	Event Name
1.	Deepak A 20bit031	Coding and Debugging
2.	Vijayaragavan K T S 20bit003	
3.	Chandru S 20bit093	Coding event
4.	Vinitha C 20bit017	
5.	Madhu Varshini K 20bit015	
6.	Gokulraj M 20bit041	Coding and Debugging
7.	Sanjeevi K 20bit083	Coding event

Participation in Workshop



S.No	Student's Details
1.	Deepak A 20bit031
2.	Vijayaragavan K T S 20bit003
3.	Chandru S 20bit093
4.	Vinitha C 20bit017
5.	Madhu Varshini K 20bit015
6.	Gokulraj M 20bit041
7.	Sanjeevi K 20bit083

Extra-Curricular / Co-curricular Activities



Name of the Students	Programme Participated	Date
Sujith R 20BIT040	Participated in Poster presentation-Global warming	18.03.2022
Sanjay.S 20BIT054	Attended webinar “Conservation of Electricity”	21.03.2022
M.Tharun sakthi 20BIT088	Attended webinar “Emerging Technologies in EV”	22.03.2022
R.E.Gowthamraj 20BIT044		



FACULTY ACTIVITIES

Participation in Seminar / Conference / Workshop / Training



- **Mr. D. Manoj Kumar, AP** participated in National Seminar on "Amazon Web Services organized by Sri Sivasubramaniya Nadar College of Engineering - 25.01.2022 (Online)
- **Dr.R.Menaha, AP(SS)** participated in AICTE - ISTE Approved Emerging Trends, Issues and Challenges in Machine Learning and Big Data organized by Institute of Engineering and Management, Jaipur, Rajasthan - 05.01.2022 to 11.01.2022 (Online)
- **Mr. D. Manoj Kumar, AP** participated in Microsoft Azure Fundamentals organized by ICT ACADEMY - 16.02.2022 to 18.02.2022 (Online)

- **Ms. M. Nivetha, AP and Mr. D. Manoj Kumar, AP** attended Two Days workshop on Android Mobile Application Development organized by Department of MCA, MCET, 25.03.2022 to 26.03.2022 (Online)
- **Ms. P. Kalaivani, AP** attended ICTACT Microsoft Azure AI Fundamentals organized by ICT Academy, 14.03.2022 to 16.03.2022 (Online)
- **Ms. K. Renuka Devi, AP** attended Research analysis and Methodology skills by Invertis University, Bareilly 02.03.2022 to 08.03.2022 (Online)
- **Ms. A. G. Priyavarshini, AP and Ms. K. S. Sudhishna, AP** attended AICTE FDP on Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE) 28.02.2022 to 04.03.2022 (Online)



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Short Term
Training Course
(OCC) organized
on 26.02.22

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❖ **Resource person:**

**Ms.S.J.Brintha Associate, Cognizant
Technology Solutions, Chennai.**

Conducted by:

Dr.S.Ramakrishnan, Prof. and Head

Mr.K.Kanagasabapathi, AP

Ms.D.Janani, AP

Ms.K.Renuka Devi, AP

**Title: Hands-on Training in “Android
Programming”**

❖ **Resource person:**

**Mr. N.Arunkumar, Technology Analyst,
Infosys, Chennai.**

Conducted by:

Dr.S.Ramakrishnan, Prof. and Head

Mr.K.Kanagasabapathi, AP

Ms.P.M.Pavithra, AP

**Title: Hands-on Training in “Web Scripting
languages”**

“

**Workshop
organized at MCET
on 25.03.2022 to
26.03.2022 (Online)**

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Resource person:

Dr.L.Meenachi, AP(SS)

Name of the Coordinators:

Dr.S.Ramakrishnan, Prof. and Head

Dr.A.S.MuthanathaMurugavel, Asso. Prof.

Dr.L.Meenachi, AP(SS)

Dr.J.Ramprasath, AP(SS)

**Title: Two Days International Online
workshop on "AI and ML The state of Art
and Future"**

Attended by:

External Participants:64

Internal Participants:35

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Papers published in International Journals

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- ✓ P. Sathiyamurthi, AP(SS), Dr.S.Ramakrishnan, Prof. and Head, “Speech encryption using hybrid-hyper chaotic system and binary masking technique”, **Multimedia Tools and Applications**, January 2022, DOI: 10.1007/s11042-021-11757-4
- ✓ Dr.S.Ramakrishnan, Prof. and Head, “Cervical cancer diagnosis based on modified uniform local ternary patterns and feed forward multilayer network optimized by genetic algorithm”, **Elsevier- Computers in Biology and Medicine**, March 2022, DOI: <https://doi.org/10.1016/j.combiomed.2022.105392>



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Papers published in International Conference & Journal

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- ✓ **K.Renuka Devi, “Securing Medical Big Data through Block Chain Technology”,** In the IEEE proceedings of 2022 8th International Conference on Advanced Computing and Communication Systems (ICACCS), Coimbatore, India, DOI: 10.1109/ICACCS54159.2022.9785125
- ✓ **L. D. Sujithra Devi, A. Praveena, B.Reena, G.Anandhi, M.Sowmya, “Mobile Ad-hoc Networks: A Survey on multipath routing protocols”,** Journal of University of Shanghai for Science and Technology, Volume 24, Issue 1, Page No.244-252, January 2022



Dr.S.Ramakrishnan, Prof. & Head

- ❖ Handled 5 papers for IEEE Access as an Associate Editor
- ❖ Reviewed a paper for the journal of Speech Communication published by Elsevier
- ❖ Handled 4 papers for IEEE Access as an Associate Editor
- ❖ Reviewed a paper for the journal of IEEE Transactions on Circuits and System for Video Technology published by IEEE
- ❖ Handled 3 papers for IEEE Access as an Associate Editor
- ❖ Reviewed a paper for the journal of Communication Systems published by Wiley
- ❖ Reviewed a paper for the journal of Urban Water Journal published by Taylor & Francis
- ❖ Reviewed the book “Python distilled” Beazley D., Addison-Wesley Professional, Boston, MA, 2021.

Dr.L.Meenachi, AP(SS)

- ❖ Reviewed a paper for the journal of Soft Computing published by Springer

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Paper Reviewed by our Faculty

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Dr.P.Sathiyamurthi, AP(SS)

- ❖ Reviewed a paper for the journal of Iranian Journal of Science and Technology, Transactions of Electrical Engineering published by Springer
- ❖ Reviewed a paper for the journal of Iranian Journal of Science and Technology, Transactions A: Science published by Springer

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Patent
Registered😊

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Dr.A.P.Janani, Associate Professor

Title of Patent: **System and Method for generating cyber security analytics of enterprise data using threat based artificial intelligence**

Patenting Body: **Indian Patent office**

Application Number: **202241007240**

Year of Patent: **2022**



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Online courses completed by our faculty

Course conducted by	Completed
NITTTR	13
NPTEL	12
Coursera	1

”

S.No.	Name of the Staff	Designation	Name of the course	Conducted by	Year of pass
1	Dr.S.Ramakrishnan	Professor & HoD	The Joy of Computing using Python	NPTEL	2021
2	Mr.J.Ramprasath	Assistant Professor	Cloud Computing	NPTEL	2021
3	Dr.A.P.Janani	Associate Professor	Object Oriented Analysis And Design	NPTEL	2021
4	Ms.A.G.Priya Varshini	Assistant Professor	The Joy of Computing using Python	NPTEL	2021
			NITTTR Module 5 & 6	NITTTR	2021
5	Ms.D.Janani	Assistant Professor	NITTTR Module 5 & 6	NITTTR	2021
6	Ms.S.Soundariya	Assistant Professor	NITTTR Module 5 & 6	NITTTR	2021
7	Ms.G.Anandhi	Assistant Professor	NITTTR Module 1 & 2	NITTTR	2021
8	Ms.K.Renuka Devi	Assistant Professor	NITTTR Module 1 & 2	NITTTR	2021
9	Dr.A.S.Muthanantha Murugavel	Associate Professor	Data Science for Engineers	NPTEL	2022
10	Dr.A.B.Arockia Christopher	Associate Professor	Data Science for Engineers	NPTEL	2022
11	Dr.L.Meenachi	Assistant Professor (SG)	Data Analytics with Python	NPTEL	2022
12	Dr.S.Ponni@Sathya	Assistant Professor (SG)	Python for Data Science	NPTEL	2022

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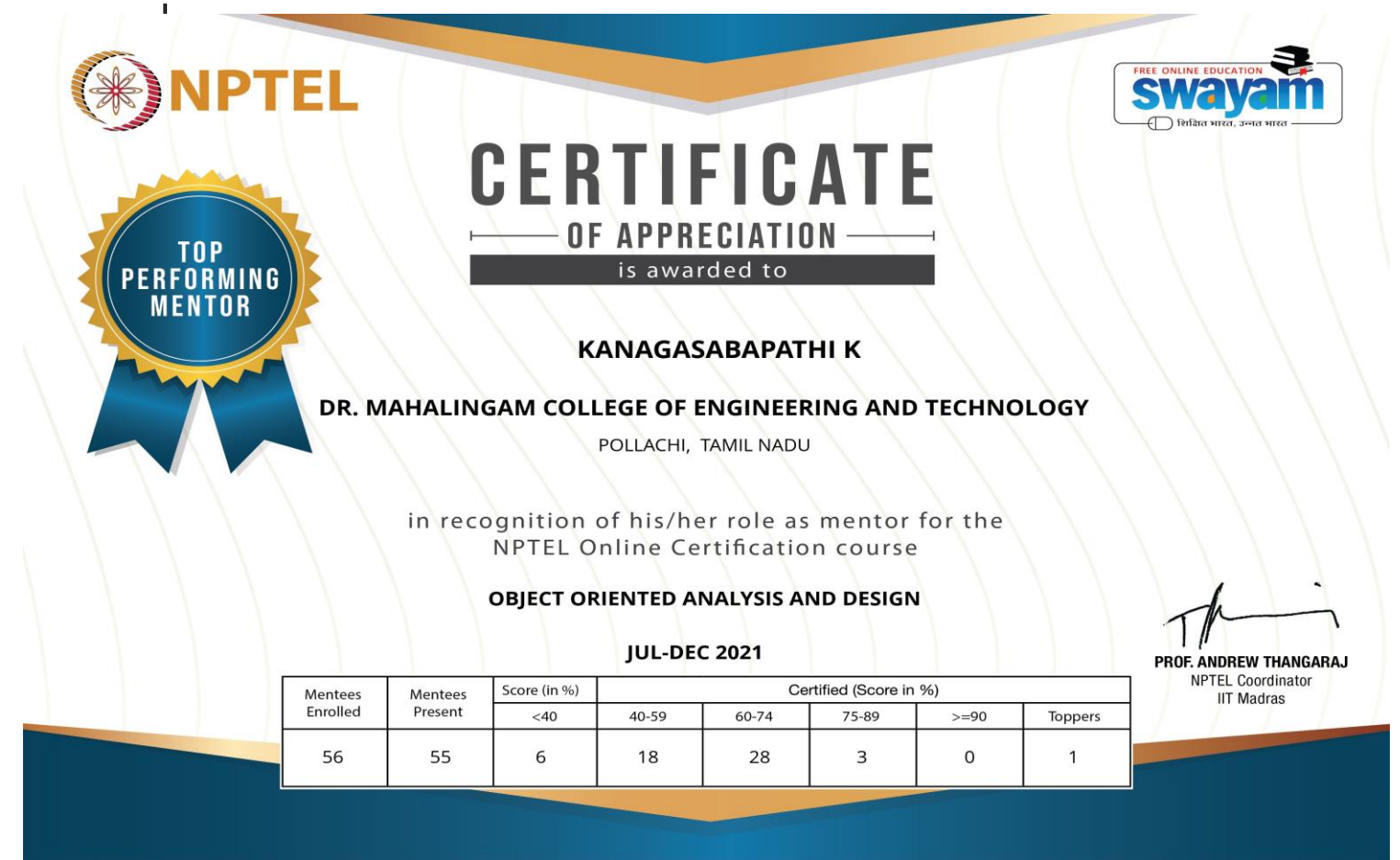
Online courses
completed by our
faculty

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S.No.	Name of the Staff	Designation	Name of the course	Conducted by	Year of pass
13	Dr.J.Ramprasath	Assistant Professor (SS)	Introduction To Industry 4.0 And Industrial Internet Of Things	NPTEL	2022
14	Ms.A.G.Priya Varshini	Assistant Professor (SS)	Data Analytics with Python	NPTEL	2022
15	Ms.K.Renuka Devi	Assistant Professor	Introduction to Visual Basic Programming	Coursera	2022
16			NITTTR Module 3 & 4	NITTTR	2022
17	Mr.C.Nandhakumar	Assistant Professor	Machine learning ML	NPTEL	2022
18	Ms.S.Sudhishna	Assistant Professor	Design and Engineering Systems	NPTEL	2022
19	Ms.A.G.Priya Varshini	Assistant Professor(SS)	NITTTR Module 7 & 8	NITTTR	2022
20	Ms.D.Janani	Assistant Professor(SS)	NITTTR Module 7	NITTTR	2022
21	Ms.S.Soundariya	Assistant Professor(SS)	NITTTR Module 7	NITTTR	2022
22	Ms.G.Anandhi	Assistant Professor	NITTTR Module 1	NITTTR	2022
23	Ms.G.Saranya	Assistant Professor	NITTTR Module 1 & 2	NITTTR	2022
24	Ms.K.Saranya	Assistant Professor	NITTTR Module 1 , 2 & 3	NITTTR	2022
25	Ms.M.Nivetha	Assistant Professor	NITTTR Module 1	NITTTR	2022
26	Ms.P.M.Pavithra	Assistant Professor	NITTTR Module 1 & 2	NITTTR	2022

“
 Top performing
 mentor in
 NPTEL course 😊

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NPTEL **swayam**

CERTIFICATE OF APPRECIATION
 is awarded to

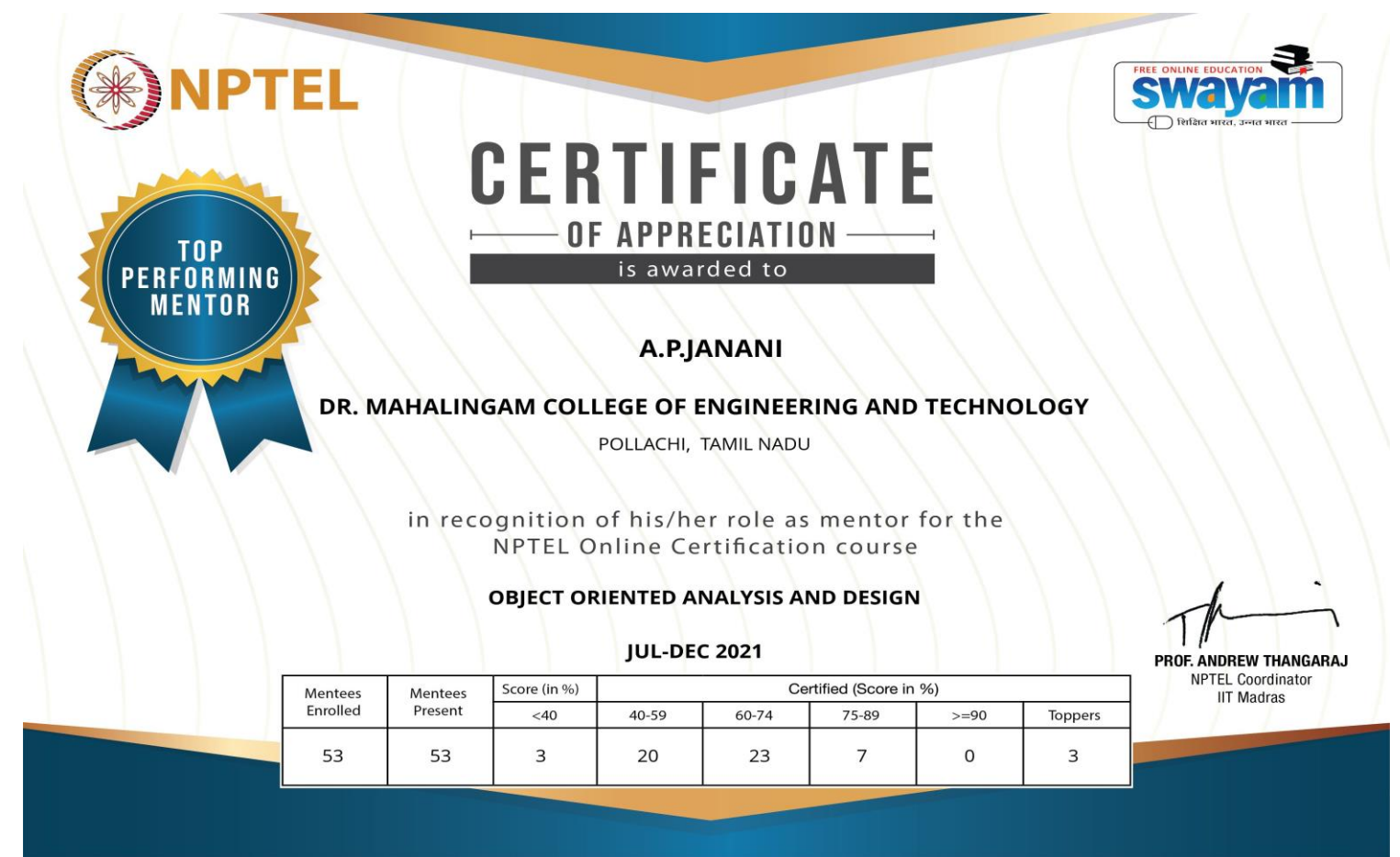
KANAGASABAPATHI K
DR. MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY
 POLLACHI, TAMIL NADU

in recognition of his/her role as mentor for the
 NPTEL Online Certification course

OBJECT ORIENTED ANALYSIS AND DESIGN
JUL-DEC 2021

Mentees Enrolled	Mentees Present	Score (in %)					
		<40	40-59	60-74	75-89	>=90	Toppers
56	55	6	18	28	3	0	1

PROF. ANDREW THANGARAJ
 NPTEL Coordinator
 IIT Madras



NPTEL **swayam**

CERTIFICATE OF APPRECIATION
 is awarded to

A.P.JANANI
DR. MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY
 POLLACHI, TAMIL NADU

in recognition of his/her role as mentor for the
 NPTEL Online Certification course

OBJECT ORIENTED ANALYSIS AND DESIGN
JUL-DEC 2021

Mentees Enrolled	Mentees Present	Score (in %)					
		<40	40-59	60-74	75-89	>=90	Toppers
53	53	3	20	23	7	0	3

PROF. ANDREW THANGARAJ
 NPTEL Coordinator
 IIT Madras

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Faculty deputed for Higher Studies

”

Name of the Faculty with Designation	Program	Field of Specialization	Duration of Program	Institution
Ms.D.Janani, AP	Ph.D.,	Information Communication Engineering	5 Years	Anna University
Ms.S.Soundariya, AP	Ph.D.,	Information Communication Engineering	5 Years	Anna University



INFOBEE ASSOCIATION

1 Professional Society / Department Association / Guest Lectures organized



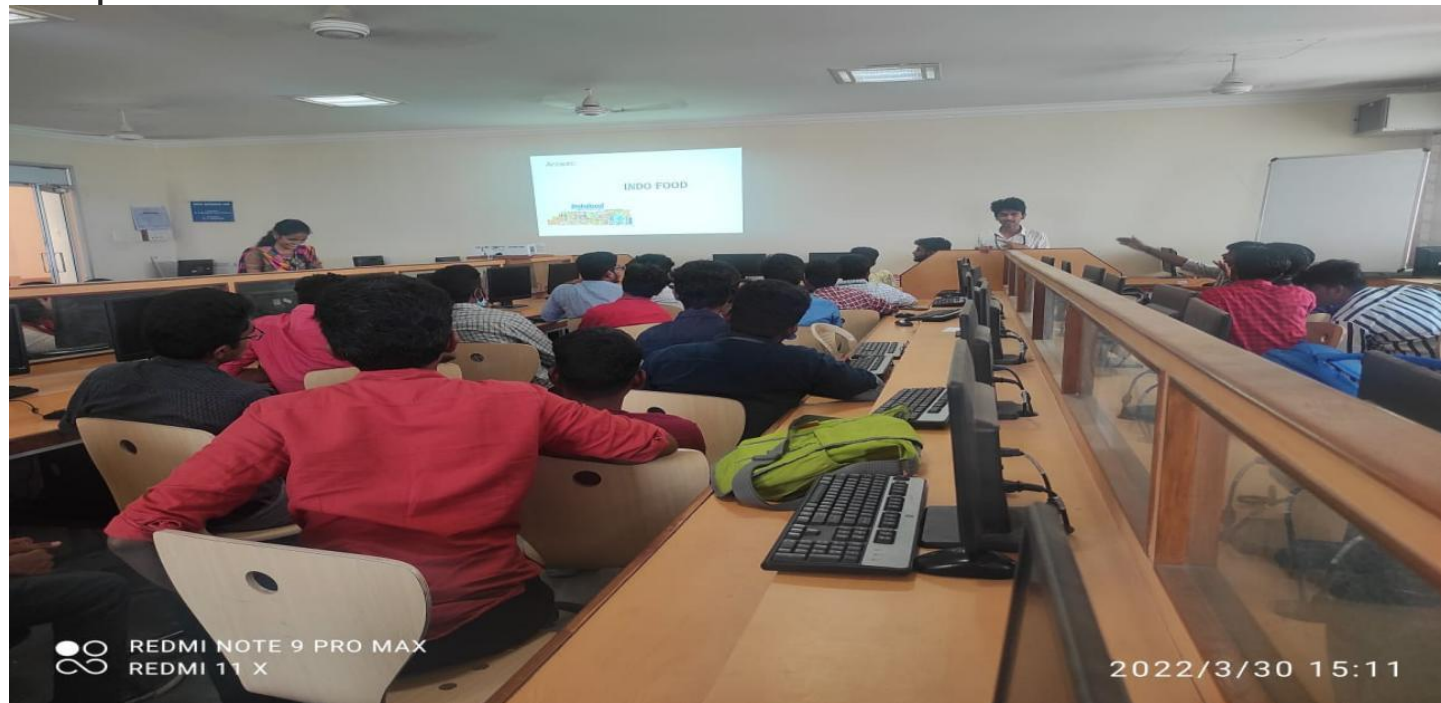
Sl.NO	Co-ordinator / Co-coordinator with Designation	Details of Program	Date
1.	Mr.J.Ramprasath, AP	Senior Interaction for II & III year students by Tarun J (18BIT084) and Sujan S (18BIT094)	21.01.2022
	Mr.N.Praveen Sundra kumar, AP		
	Ms.A.G.Priya Varshini, AP		

Sl.No	Co-ordinator / Co-coordinator with Designation	Details of Program	Date
3.	Dr.S.Ramakrishnan, Prof. and Head	Webinar on Devops hosted by Ms. Kiruthika K, Sr. Software Engineer Msys Technologies, Chennai	28.02.2022
	Dr.J.Ramprasath, AP		
	Mr.N.Praveen Sundra kumar, AP		
	Ms.A.G.Priya Varshini, AP		
	Mr. D. Manoj Kumar, AP		
4.	Dr.J.Ramprasath, AP	Paper Presentation for II year students by InfoBee	26.02.2022
	Mr.N.Praveen Sundra kumar, AP		
	Ms.A.G.Priya Varshini, AP		
5.	Dr.J.Ramprasath, AP	Senior Interaction for II year students by Mr.Nadarajan.S(18BIT003), Mr.Saravana Kumar(18BIT021), Mr.Gowtham Madusudhanan.K (18BIT067) and Mr.Manovikash (18BIT033)	25.02.2022
	Mr.N.Praveen Sundra kumar, AP		
	Ms.A.G.Priya Varshini, AP		
6.	Dr.J.Ramprasath, AP	Senior Interaction for II year students by Dhivya B (18BIT081) and Arunima D (18BIT022)	22.02.2022
	Mr.N.Praveen Sundra kumar, AP		
	Ms.A.G.Priya Varshini, AP		

Glimpses of Association activities



2 Professional Society / Department Association / Guest Lectures organized



Sl.No	Co-ordinator / Co-coordinator with Designation	Details of Program	Date
3.	Dr.S.Ramakrishnan, Prof. and Head	Expert Interaction on “Software Project Management” by Ms.M.J.Bhumica Manager, Indegene, Bangalore	12.03.2022
	Dr.J.Ramprasath, AP		
	Mr.N.Praveen Sundra Kumar, AP		
	Ms. A. G. Priya Varshini, AP		
4.	Dr.S.Ramakrishnan, Prof. and Head	Alumni Interaction by our Alumni Mr.Yuvan Karthik (Batch:2017-2021) conducted by association team	10.03.2022
	Dr.J.Ramprasath, AP		
	Mr.N.Praveen Sundra Kumar, AP		
	Ms. A. G. Priya Varshini, AP		
5.	Dr.J.Ramprasath, AP	Non-Technical Quiz conducted by InfoBee IT technical association	05.03.2022
	Mr.N.Praveen Sundra Kumar, AP		
	Ms. A. G. Priya Varshini, AP		
6.	Dr.J.Ramprasath, AP	Project Expo conducted by IT technical association	02.03.2022
	Mr.N.Praveen Sundra Kumar, AP		
	Ms. A. G.Priya Varshini, AP		

Sl.NO	Co-ordinator / Co-coordinator with Designation	Details of Program	Date
1.	Dr.J.Ramprasath, AP	Photo Connection conducted by InfoBee IT technical association	29.3.2022
	Mr.N.Praveen Sundra Kumar, AP		
	Ms. A. G. Priya Varshini, AP		
2.	Dr.J.Ramprasath, AP	“Block Chain”, a gaming event conducted by InfoBee IT technical association for II & III IT Students	16.03.2022
	Mr.N.Praveen Sundra Kumar, AP		
	Ms. A. G. Priya Varshini, AP		



PLACEMENT & TRAINING

Placement Details

<i>Batch 2018 -2022</i>		
<i>S.No</i>	<i>No. of Students Placed upto Previous Month</i>	<i>Total No. of Students placed in each Company</i>
<i>1</i>	<i>Vuram Technology Solutions Pvt. Ltd.</i>	<i>2</i>
<i>2</i>	<i>VVDN Technologies Pvt. Ltd.</i>	<i>14</i>
<i>3</i>	<i>KAAR Technologies Pvt. Ltd.</i>	<i>1</i>
<i>4</i>	<i>Mphasis Corporate</i>	<i>13</i>
<i>5</i>	<i>FULL Creative's Pvt. Ltd.</i>	<i>1</i>
<i>6</i>	<i>Tringapps Research Labs Pvt. Ltd.</i>	<i>2</i>
<i>7</i>	<i>Gofrugal Technologies Pvt. Ltd.</i>	<i>7</i>
<i>8</i>	<i>TrakLabs</i>	<i>2</i>
<i>9</i>	<i>Codingmart Technologies Pvt. Ltd.</i>	<i>1</i>

<i>Batch 2018 -2022</i>		
<i>S.No</i>	<i>No. of Students Placed upto Previous Month</i>	<i>Total No. of Students placed in each Company</i>
<i>10</i>	<i>Accenture Solutions Pvt. Ltd.</i>	<i>5</i>
<i>11</i>	<i>Capgemini Technology Services India Ltd.</i>	<i>5</i>
<i>12</i>	<i>GainInsights Solutions Pvt. Ltd.</i>	<i>2</i>
<i>13</i>	<i>Hexaware Technologies Pvt. Ltd.</i>	<i>1</i>
<i>14</i>	<i>Veryx Technologies Pvt. Ltd.</i>	<i>1</i>
<i>15</i>	<i>Audy Global Enterprises HVS Pvt. Ltd.</i>	<i>1</i>
<i>16</i>	<i>AARAA Pvt. Ltd.</i>	<i>1</i>
<i>17</i>	<i>Tectra Technologies India Pvt. Ltd.</i>	<i>1</i>
<i>18</i>	<i>Checktronix India Pvt. Ltd.</i>	<i>1</i>
<i>19</i>	<i>Cognizant Technology Solutions Pvt. Ltd.</i>	<i>22</i>
<i>20</i>	<i>Tata Consultancy Services Pvt. Ltd.</i>	<i>9</i>
<i>21</i>	<i>One Bill Software</i>	<i>1</i>
<i>22</i>	<i>Wipro Ltd.</i>	<i>8</i>
<i>23</i>	<i>Kanini Software Solutions Pvt. Ltd.</i>	<i>1</i>
<i>24</i>	<i>Mallow Technologies</i>	<i>1</i>
<i>25</i>	<i>Phi Code</i>	<i>1(Intern Cum Placement)</i>
<i>26</i>	<i>NTT Data</i>	<i>4</i>
<i>27</i>	<i>Vinsinfo Pvt. Ltd.</i>	<i>2</i>
<i>Total</i>		<i>110</i>



INTERNSHIP
OF ***DETAILS***
STUDENTS

S.No.	Roll No.	Name of The Student	Internship Company	Internship Start Date	Internship End Date
1	18BIT028	Sendhuvarthani P	AARAA Pvt. Ltd.	01.03.2022	31.03.2022
2	18BIT030	Hari Karthikkeyyan R S	Audy Global Enterprises Pvt. Ltd.		
3	18BIT021	Saravana Kumar V	Codingmart Technologies Pvt. Ltd.		
4	18BIT027	Shilpa Pal	Cognizant Technology Solution Pvt. Ltd.		
5	18BIT074	Tharini R	Cognizant Technology Solution Pvt. Ltd.		
6	18BIT062	Reena Rethiga R	Cognizant Technology Solution Pvt. Ltd.		
7	18BIT060	Sivaranjani S	Cognizant Technology Solution Pvt. Ltd.		
8	18BIT047	Nivash P	Cognizant Technology Solution Pvt. Ltd.		
9	18BIT011	Durgadevi V	Cognizant Technology Solution Pvt. Ltd.		
10	18BIT084	Tarun J	Cognizant Technology Solution Pvt. Ltd.		
11	18BIT026	Sushmitha R	Cognizant Technology Solution Pvt. Ltd.		
12	18BIT094	Sujan S	Cognizant Technology Solution Pvt. Ltd.		
13	18BIT071	Hemakarhika M	Cognizant Technology Solution Pvt. Ltd.		
14	18BIT040	Dhivyabharathi S	Cognizant Technology Solution Pvt. Ltd.		
15	18BIT055	Rithani K S	Cognizant Technology Solution Pvt. Ltd.		
16	18BIT077	Sri Aravinthan V	Cognizant Technology Solution Pvt. Ltd.		
17	18BIT006	Tharani V	Cognizant Technology Solution Pvt. Ltd.		
18	18BIT008	Malini P	Cognizant Technology Solution Pvt. Ltd.		
19	18BIT070	Sabetha S	Cognizant Technology Solution Pvt. Ltd.		

S.No.	Roll No.	Name of The Student	Internship Company	Internship Start Date	Internship End Date
20	18BIT070	Sabetha S	Cognizant Technology Solution Pvt. Ltd.	01.03.2022	31.03.2022
21	18BIT034	Chandru Pandi B	Cognizant Technology Solution Pvt. Ltd.		
22	18bit075	Dharun Kumar N	DigiAnalytix		
23	18bit067	Gowtham Madhusuthanan K	Full Creative Pvt. Ltd.		
24	18bit007	Akilan M	Gofrugal Technologies Pvt. Ltd.		
25	18BIT044	Kavin S	Gofrugal Technologies Pvt. Ltd.		
26	18BIT068	Aiswarya Ganesh	Gofrugal Technologies Pvt. Ltd.		
27	18bit003	Nadarajan S	Gofrugal Technologies Pvt. Ltd.		
28	18BIT043	Murali Prasanth D	Gofrugal Technologies Pvt. Ltd.		
29	18BIT023	Ranjith A G	Gofrugal Technologies Pvt. Ltd.		
30	18BIT031	Gowrishankar P	Kanini software solutions Pvt. Ltd.		
21	18BIT100	Vishnukirthik R	Phicode Pvt. Ltd.		
22	18bit080	Chandru G	Tectra technologies LLC		
23	18BIT087	Praveen Bharath L	Tringapps Pvt. Ltd.		
24	18BIT036	Harshini R	Tringapps Pvt. Ltd.		

S.No.	Roll No.	Name of The Student	Internship Company	Internship Start Date	Internship End Date
25	18BIT010	Vasanthakumar M	VVDN Technologies Pvt Ltd	01.03.2022	31.03.2022
26	18BIT009	Athira P	VVDN Technologies Pvt Ltd		
27	18BIT004	Sivaprakash M	VVDN Technologies Pvt Ltd		
28	18BIT073	Arun Kumar S	Wipro Technologies Pvt. Ltd.		
29	18BIT064	Navaneetha M	Wipro Technologies Pvt. Ltd.		
30	18BIT078	Manoj Kumar N R	Wipro Technologies Pvt. Ltd.		
31	18BIT038	Praveen V	Wipro Technologies Pvt. Ltd.		
32	18BIT072	Jayaram M	Wipro Technologies Pvt. Ltd.		
33	18BIT024	Yogeshwaran D	Wipro Technologies Pvt. Ltd.		
34	18bit052	Pozhil Mathi P	Wipro Technologies Pvt. Ltd.		
35	18bit045	Swetha T	Tata Consultancy Service Pvt. Ltd.		
36	18BIT092	Kavi Arasan C	Tata Consultancy Service Pvt. Ltd.		

S.No.	Roll No.	Name of The Student	Internship Company	Internship Start Date	Internship End Date
37	18BIT076	Ranjith Kumar S	Veryx Technologys Pvt. Ltd.	01.03.2022	31.03.2022
38	18BIT022	Arunima D	Vuram Technology Solutions Pvt. Ltd.		
39	18BIT005	Sharmil Surya V M	Vuram Technology Solutions Pvt. Ltd.		
40	18BIT018	Nikhil G S	VVDN Technologies Pvt Ltd		
41	18bit086	Thangaraj C	VVDN Technologies Pvt Ltd		
42	18BIT039	Monicka M	VVDN Technologies Pvt Ltd		
43	18BIT014	Yaswanthkumar R	VVDN Technologies Pvt Ltd		
44	18BIT020	Vikram N R	VVDN Technologies Pvt Ltd		
45	18bit013	Swathi B	VVDN Technologies Pvt Ltd		
46	18BIT001	Bavatharani K	Tata Consultancy Service Pvt. Ltd.		
47	18bit032	Jeyapratha J	Tata Consultancy Service Pvt. Ltd.		
48	18bit025	Sangameshwaran S	NTT DATA Technology Pvt. Ltd.		
49	18BIT049	Akil Akthar S	NTT DATA Technology Pvt. Ltd.		
50	18BIT057	Roshni Anjana Rk	NTT DATA Technology Pvt. Ltd.		
51	18BIT096	Kishore Kumar S	NTT DATA Technology Pvt. Ltd.		
52	18BIT061	Ezhilarasan C M	Hexaware Technologies Pvt. Ltd.		
53	18BIT069	Arjun S	Capgemini Pvt. Ltd.		
54	18BIT093	Shruthi Sri Sk	Capgemini Pvt. Ltd.		
55	18BIT002	Keerthi R	Capgemini Pvt. Ltd.		

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Online courses
done by III year
students

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S.No.	Course Name	Certified Authority	No. of Students Completed
			II Year
1	PHP	Great Learning	5
2	Python fundamental for beginners	Great Learning	2
3	Frontend Development-HTML	Great Learning	3
4	CompTIA A+ (220-1001) Cert Prep 8: Internet and the cloud	Linkedin Learning	3
5	Introduction to Cybersecurity	Simplilearn	2
6	Git Training	Simplilearn	1
Total			16





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Online courses
done by III year
students

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Department of Information Technology

Congratulations!!

III Year B.Tech IT

**Design and Engineering of Computer Systems
Offered by IIT Bombay - NPTEL Swayam
24-Jan-2022 to 18-Mar-2022**



Certificate Details by Our MCET IT Students	No. of Students
Elite + Silver	1
Elite	25
Successfully Completed	68
Total Certificates	94



**Out of 2921 enrolled for this course, 167 were certified.
We are proud to say that 94 out of 167 certified from MCET IT.**



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Online courses
done by III year
students

”

Congratulations!!

***B.Tech IT Students for Achievement in
Object Oriented Analysis and Design Online Course
Offered by IIT Kharagpur - NPTEL Swayam - 2021***

	Certificate Details by Our MCET IT Students	No. of Students
B.Tech IT	Elite + Silver	11
	Elite	50
	Successfully Completed	40
	Total Certificates	101



5 out of 8 Ranks are secured by MCET IT.

Out of 2761 enrolled for this course, 157 were certified.

We are proud to say that 101 out of 157 certified from MCET IT.



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Moment of pride
Toppers in NPTEL



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YUVARAJE 86%

DR. MAHALINGAM COLLEGE OF
ENGINEERING AND TECHNOLOGY



JAGANEESHWAR 82%

DR. MAHALINGAM COLLEGE OF
ENGINEERING AND TECHNOLOGY



DHARANI SRI V 81%

DR. MAHALINGAM COLLEGE OF
ENGINEERING AND TECHNOLOGY



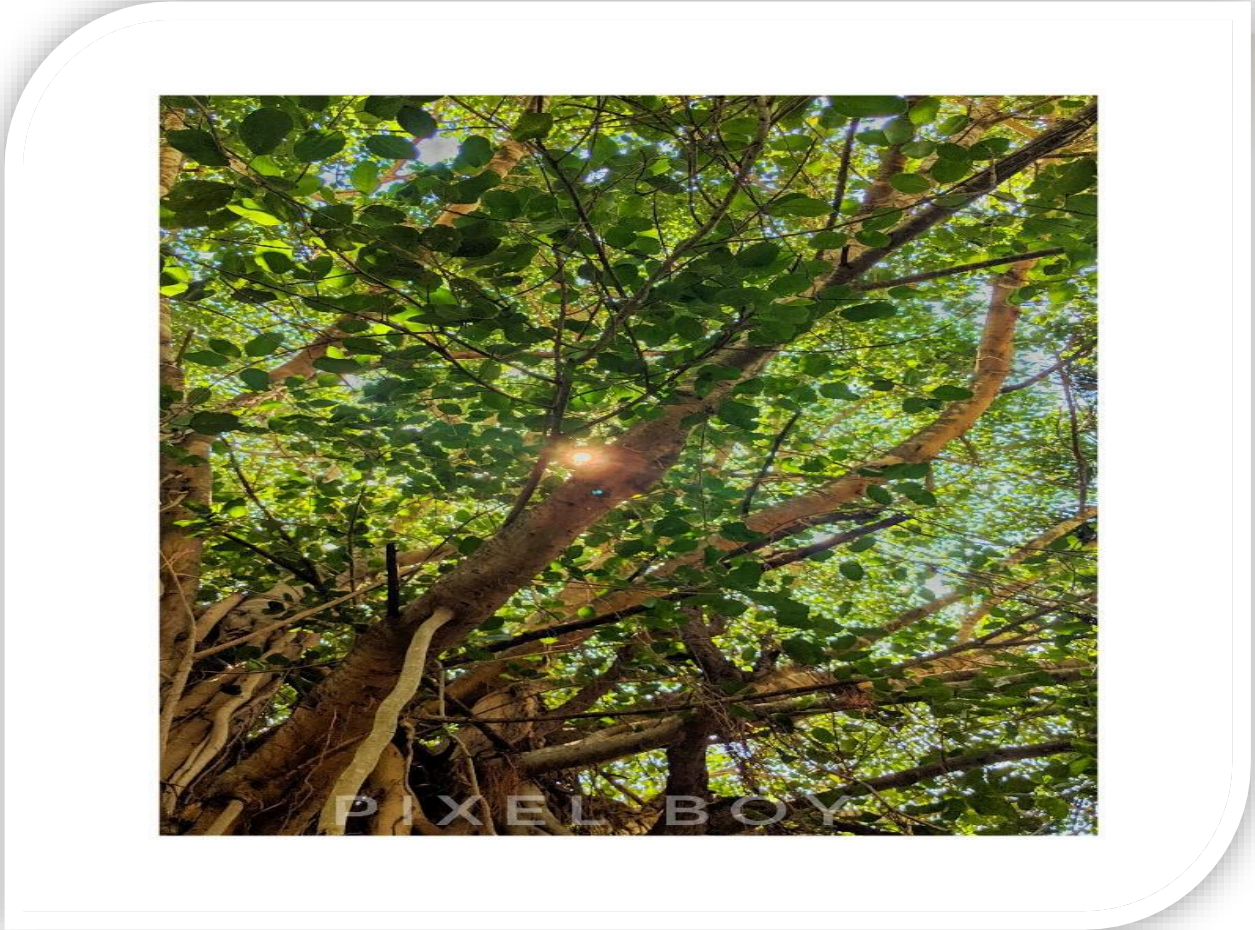
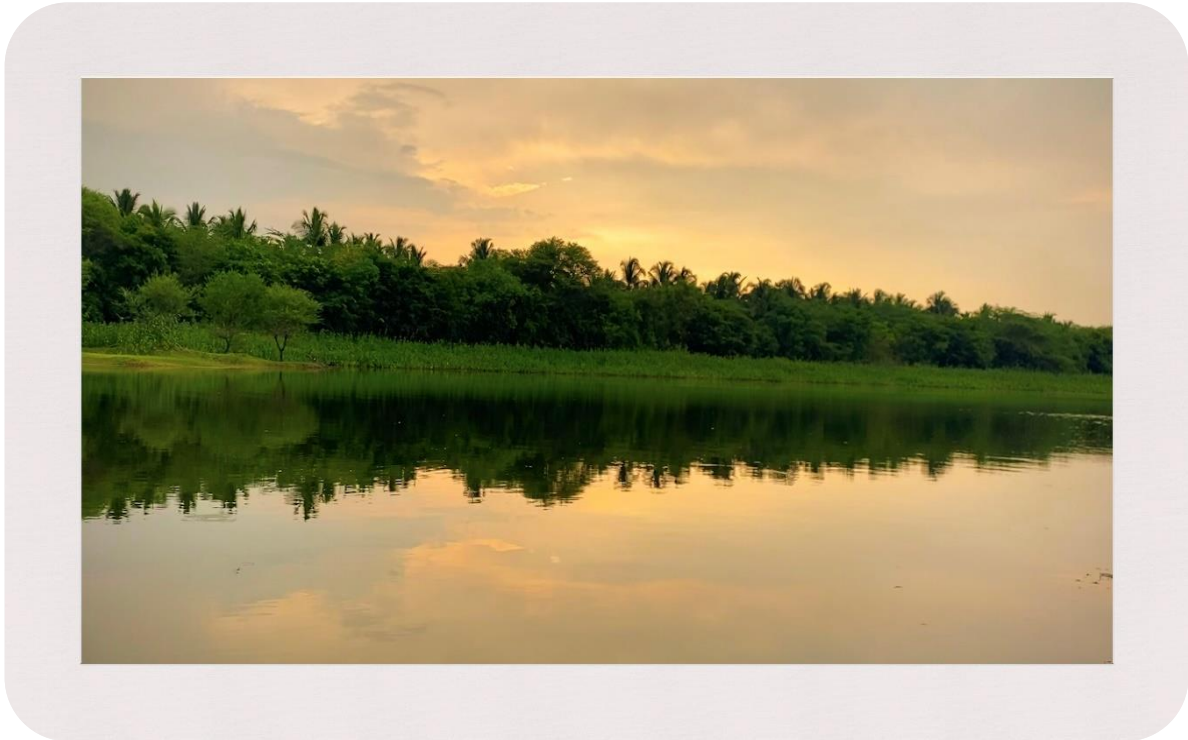
VIGASHINI S 79%

DR. MAHALINGAM COLLEGE OF
ENGINEERING AND TECHNOLOGY





PHOTOGRAPH & ARTICLE



***KUMARAN M JA
21BIT314***



GURUNANTHAN
20BIT090



KAVIDHARSHINI A
20BIT040

ARTICLE

BLOCK CHAIN

A blockchain is a decentralized database that is shared among computer network nodes. A blockchain acts as a database, storing information in a digital format. Blockchains are well known for their critical function in keeping a secure and decentralized record of transactions in cryptocurrency systems like Bitcoin. The blockchain's novelty is that it ensures the accuracy and security of a data record while also generating trust without the requirement for a trusted third party.

The structure of the data on a blockchain differs from that of a traditional database. A blockchain organizes data into groupings called blocks, each of which contains a collection of data. Blocks have specific storage capacities, and when they're full, they're closed and linked to the preceding block, producing a data chain known as the blockchain. All additional information added after that newly added block is compiled into a new block, which is then added to the chain after it is filled.

A database organizes data into tables, whereas a blockchain organizes data into chunks that are strung together, as the name suggests. When implemented in a decentralized manner, this data structure creates an irreversible data chronology. When a block is filled, it becomes permanent and part of the chronology. When each block is added to the chain, it is given a specific time stamp.

K.Nandhitha
19BIT973

ARTIFICIAL INTELLIGENCE

The applications for artificial intelligence are endless. The technology can be applied to many different sectors and industries. AI is being tested and used in the healthcare industry for dosing drugs and different treatment in patients, and for surgical procedures in the operating room.

Other examples of machines with artificial intelligence include computers that play chess and self-driving car. Each of these machines must weigh the consequences of any action they take, as each action will impact the end result. In chess, the end result is winning the game. For self-driving cars, the computer system must account for all external data and compute it to act in a way that prevents a collision.

CATEGORIZATION OF ARTIFICIAL INTELLIGENCE

Artificial intelligence also has applications in the financial industry, where it is used to detect and flag activity in banking and finance such as unusual debit card usage and large account deposits—all of which help a bank's fraud department. Applications for AI are also being used to help streamline and make trading easier. This is done by making supply, demand, and pricing of securities easier to estimate.

Artificial intelligence can be divided into two different categories: weak and strong. Weak artificial intelligence embodies a system designed to carry out one particular job. Weak AI systems include video games such as the chess example from above and personal assistants such as Amazon's Alexa and Apple's Siri. You ask the assistant a question, it answers it for you.

Strong artificial intelligence systems are systems that carry on the tasks considered to be human-like. These tend to be more complex and complicated systems. They are programmed to handle situations in which they may be required to problem solve without having a person intervene. These kinds of systems can be found in applications like self-driving cars or in hospital operating rooms.

SPECIAL CONSIDERATION

Since its beginning, artificial intelligence has come under scrutiny from scientists and the public alike. One common theme is the idea that machines will become so highly developed that humans will not be able to keep up and they will take off on their own, redesigning themselves at an exponential rate.

Another is that machines can hack into people's privacy and even be weaponized. Other arguments debate the ethics of artificial intelligence and whether intelligent systems such as robots should be treated with the same rights as humans.

ARTICLE

PRAGADEESWARAN V
19BIT052

ARTICLE - POEM

CROWN OF SUCCESS

Climb the wall of blades
Walk on fiery floor
Dream whatever it takes
Unlock the shackled door.

When trapped in a pit, don't cry
Mustn't let yourself rot there down
Build yourself wings, and fly
Till you finally wear the shiny crown.

- Pranava Kumar
19BIT082

Pranava Kumar.C
19BIT082