

Add-on Course/ Certificate Program
Year 2021-2022

Adichunchanagiri Institute Of Technology
Chikkamagaluru
Department of Information Science & Engineering

Index
Year 2021-22

<u>No</u>	<u>Type</u>	<u>Title</u>
1	Certificate Program -1	Soft Skills Training (Pragnyan)
2	Certificate Program -2	Logical and Technical Training (Pragnyan)
3	Add-On Course -1	Natural Language Processing (NLP) -Simplified
4	Add-On Course -2	Microprocessor x86
5	Add-On Course -3	Data Structure using Python
6	Certificate Program -3	Full Stack Web Development
7	Certificate Program -4	Java programming Masterclass covering Java 11 and Java 17
8	Certificate Program -5	Data Science and Analytics using Python and R

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CHIKKMAGALURU

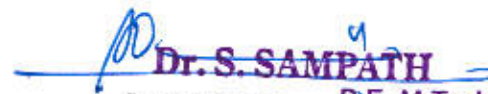
Department of Information Science & Engineering



Soft Skills Training (Pragnyan) - Certificate Program for 4th Semester (2021-22)

Schedule : 9 am - 5 pm (Lunch break :1pm- 2pm)

Date	Day	1	2	3
20-Jun-22	Monday	Induction to Aptitude Mr.Yashaswi	Paragraph Writing Mr.Hariharan	Dot Situation Mr.Saikumar
21-Jun-22	Tuesday	Prepositions Mr.Hariharan	Mathematical Operators, Machine Input & Output Mr.Saikumar	Verbs Mr.Hariharan
22-Jun-22	Wednesday	Mind Skills & Idea Generation Mr.Abishith	Letter, Symbol & Series Mr.Yashaswi	Social Awareness Mr.Abishith
23-Jun-22	Thursday	Public Speaking Mr.Saikumar	Goal Setting & Decision Making Mr.Abishith	Logical Puzzles Mr.Saikumar
24-Jun-22	Friday	Assessment	Assessment	Assessment


Dr. S. SAMPATH
Dr. S.Sampath B.E., M.Tech., Ph.D.
Signature of the Head of Dept
Professor & HOD
Dept. of Information Science & Engg.
A.I.T., Chikkamagaluru - 577102.



|| Jai Sri Gurudev ||

**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKMAGALURU**

Department of Information Science & Engineering

List of Students enrolled for
Certificate Program organized by **ZESTECH**
From **20th to 24th June 2022** at IS & E Department

Sl.No.	USN	Name of the Candidates	Signature
1	4AI20IS001	AISHWARYA SRINIVAS	
2	4AI20IS002	AMULYA K R	
3	4AI20IS003	AMULYA M P	
4	4AI20IS004	ANANYA L S	Ananya L.S.
5	4AI20IS005	ANANYA S	Ananya S.
6	4AI20IS006	ANKITHA MOHAN	Ankitha Mohan.
7	4AI20IS007	ASHISH N U	Ashish
8	4AI20IS008	BHAVANA H R	Bhavana.H.R
9	4AI20IS009	BHAVANA V	Bhavana.V.
10	4AI20IS010	BINDU C N	<u>Bindu.C.N</u>
11	4AI20IS011	CHANDRASHEKAR	Chandrashekar.
12	4AI20IS012	CHEZHAN B L	Chethan.B.L

33	4AI20IS033	NISARGA G	<u>G. Nisarga</u>
34	4AI20IS034	PALLAVI L J	<u>Pallavi L.J</u>
35	4AI20IS035	PAVITHRA B	<u>Pavithra B</u>
36	4AI20IS036	POOJA B K	<u>Pooja B.K</u>
37	4AI20IS037	POOJA H Y	<u>pooja H Y</u>
38	4AI20IS038	PRANAV K R	<u>Pranav.K.R.</u>
39	4AI20IS039	PRANCHANA S S	<u>Pranchana S.S</u>
40	4AI20IS040	PRAPTHI S	<u>Prapthi S</u>
41	4AI20IS041	PREKSHITHA V K	<u>Prekshitha V.K</u>
42	4AI20IS042	PRERANA A	<u>Prerana A</u>
43	4AI20IS043	PRIYA E T	<u>Priya E.T</u>
44	4AI20IS044	RACHANA T R	<u>Rachana T.R</u>
45	4AI20IS045	SATHVIK P M	<u>Sathvik P.M</u>
46	4AI20IS046	SHAMA D U	<u>Shama D.U.</u>
47	4AI20IS047	SINCHANA N S	<u>Sinchana.N.S</u>
48	4AI20IS048	SNEHA L N	<u>Sneha L.N</u>
49	4AI20IS049	SOMASHEKAR G P	<u>Somashekar G.P</u>
50	4AI20IS050	SPANDANA M S	<u>Spandana.M.S</u>
51	4AI20IS051	SPOORTHI N S	<u>Spoorthi.N.S</u>

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Department of Information Science & Engineering



TRAINER'S PROFILE

ZESTECH has set in place an organizational structure that provides clear lines of control, responsibility and communication. In a business as diverse as ZESTECH, there are many different jobs. Its structure is concrete, so to help individuals within the business understand their roles and responsibilities; ZESTECH has a set of Business Principles that demonstrate its commitment to operating ethically and responsibly. This helps every contributor understand where his or her role contributes to overall performance and enables the whole workforce to work together to achieve the business' aims and objectives.

This structure gives contributors clear guidelines for how to proceed, how to take actions, how to accomplish any task. This majorly resolves disagreements among the departments. It not only resolves conflicts, ZESTECH's structure binds the contributors together in any mission that is undertaken. It eventually gives meaning to any contributor joining ZESTECH as well as to ZESTECH itself.

While the need for structure is clear, the best structure for a particular coalition is harder to determine. ZESTECH designed this best structure by keeping in mind that its contributors are. What the setting is and how far the organization has come in its development. ZESTECH lives with values and the main value comes from the strong contributors in key departments.

High-performing knowledge contributors of ZESTECH tend to be self-motivated by intrinsic factors, adding to the opportunity to ZESTECH directly motivate them. Moreover, the complex and exhaustive nature of their work and output limits the ability to directly measure productivity. Simply keeping knowledge contributors "satisfied" won't suffice. In order to retain and sustain high levels of engagement, ZESTECH came up with an explicit strategy and cannot rely upon historical sources of motivation. Traditional sources of motivation like pay, work conditions, and benefits are simply not enough. This was clearly understood in the very beginning of this structure.

simple form in order to deliver it to the students. He constantly upgrades his knowledge by grasping new trends in the field of Quantitative ability.

Mr. Hariharan – Professional – Logical Aptitude

He has been involved in Aptitude training for more than 2 years with the intention of enhancing the productivity and performance of students in various level of education. He has worked in Tamil Nadu and Karnataka. he have been endowed with the ability to train over 3000+ candidates for 4000+ hours, with time management skills that enables them to explore various techniques by using unique ways that help in analyzing and solving problems pertaining to requirements during the placement drives.

Ms. Kavitha - Practitioner – Verbal and Soft skills

She has been a Verbal and Soft Skills trainer with 8+ years' experience in corporate and college training in Verbal and Soft skills. She has been successful to equip people with skills required to make them perform with a higher degree of confidence and excellence. She has a good flair in communication and has superb command on English. She possesses excellent communication skills that have been honed through interacting with people at various levels; inclusive of the Industry, Corporate Executives and Management Team

Mr. Yashaswi – Associate Professional - Quantitative Aptitude

As numbers fascinated him, he enjoys a good command over development in test papers (online/offline). His strengths include solving Interpreted Data, Logical reasoning, Data sufficiency and Quantitative Aptitude, which he uses to mold students from the any stream to be intelligible to compete for better job opportunities.

Mr. Deepak P N – Associate Professional – Verbal Aptitude

Possess extensive experience of 27 years, with 20 years in Public Relations, Advertising, HR and 7 magnificent years in Conducting Campus Training along with Placement handling

Mr. Abhishith – Consultant – Verbal Aptitude

Upholds experience of 8 years with diverse exposure in multiple organizations as campus to Corporate Trainer, having expertise in Company Specific training, Business Education and Executive Coach giving her an upper hand over others. Having experience of 4.5 years with diverse exposure in training and placements, embracing expertise in literature, Research, Psychology and Education



Dr. S. Sampath
HOD & Professor, IS&E Dept.

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TRAINING REPORT

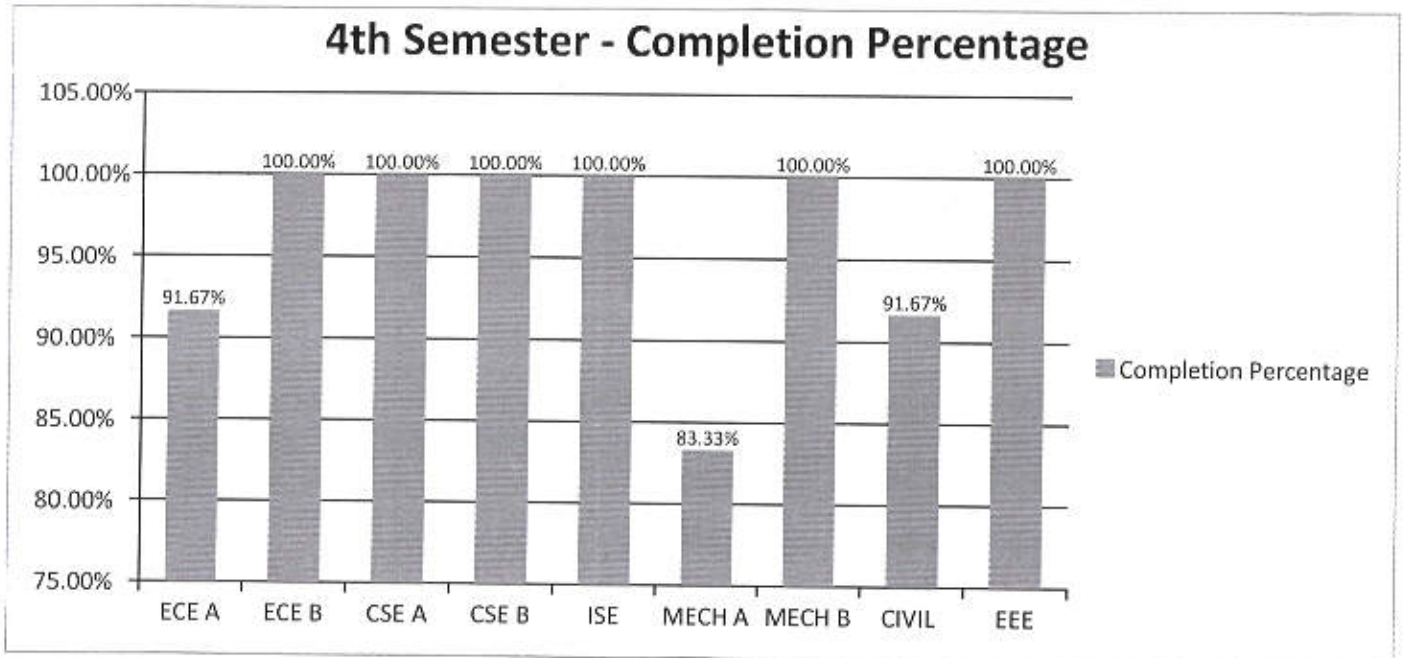
ZESTECH always thrives at understanding Indian Industry requirement for every year and this puts us in the driving seat always when it comes to Learning and Development. Training related circumstance must be vivid and useful for the current trend, which can serve circumstance like real hiring. ZESTECH always strives in offering industry related module structure which caters to the need of current industry pattern in hiring. Consistent information standard and data form should be used in the learning system covering the national standards of recruitment. This model of preparing the module makes the independent data form into a concrete structure for training delivery.

Interface of industry trend and module structure is made simple by intensive research by the ZESTECH team of experts who function using a scientific structure and mechanism towards understanding the needs. Everywhere, system is simple to manipulate. However if the pattern of hiring and industry and global industry requirements changes, the Indian market gets into the mode of upgradation. And this is always visible in the module structure every year. Nowhere in the history of ZESTECH is the same content available for training delivery as well. Constant up gradation and learning towards the needs makes the structure of learning more prolific and helpful.

The evaluated research of the need, plays a major part in understanding the trend in the coming years as well. This helps ZESTECH to foresee the requirements and mend the learning content accordingly. Matching to the current technology trends, the evaluation of the learning also keeps transcending to the next level of excellence. All the more, these are the changes and challenges which keeps ZESTECH growing strong. ZESTECH's system of training module design is always Compatible, Expansible and flexible to meet the development of the training module and training itself.

System Structure

ZESTECH uses structure methods to develop the course content thereby developing students' ability in meeting the current demands. Structure means, the relation among comprising elements in the system. Structure method emphasizes the rationality of the module required for the current requirement and also puts forward some rules to increase rationality, such as resolvability of current challenge in getting hired, module independence and uniqueness. It also resolves the challenge of information concealment, as it is an indigenous effort by the team of experts. Such a structure of a learning system gives a clear idea of course arrangement and thereby delivering a world class training program.

MODULE COMPLETION REPORT- SEMESTER ANALYSIS4.1a.- NUMERICAL ANALYSIS

Branch	Classes allotted				Total	Classes completed				Total	Completion Percentage
	Aptitude	Logical	Verbal	Softskills		Aptitude	Logical	Verbal	Softskills		
ECE A	2	1	3	6	12	1	1	3	6	11	91.67%
ECE B	2	1	3	6	12	2	1	3	6	12	100.00%
CSE A	2	1	3	6	12	2	0	3	6	11	91.67%
CSE B	2	1	3	6	12	2	1	3	6	12	100.00%
ISE	2	1	3	6	12	2	1	3	6	12	100.00%
MECH A	2	1	3	6	12	1	1	3	6	11	91.67%
MECH B	2	1	3	6	12	2	1	3	6	12	100.00%
CIVIL	2	1	3	6	12	1	1	3	6	11	91.67%
EEE	2	1	3	6	12	2	1	3	6	12	100.00%

Dr. S. Sampath
HOD & Professor, IS&E Dept.

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Department of Information Science & Engineering



ATTENDANCE ANALYSIS

AIT, associated with Zestech for PRAGNYAN'22 is well aware about the importance of attendance. This is done as ZESTECH believes that any impact that we hope to achieve with regard to the modules, requires consistency in attending the classes.

Each module gets a dedicated time of about 120 minutes in AIT during PRAGNYAN'22 depending on the doubts and the assessments time. These modules are curate after a lot of discussion and research into the recruitment process. And the need to repeat modules (Aptitude and Verbal) in class is felt when we have not been able to reach all 55-60 in a class. This again takes time and effort both on our and the college's part. This is why the importance of attendance is stressed as frequently as possible.

Apart from this, soft skills modules boost the confidence of students and help them participate better in aptitude and verbal classes. They will interact without hesitation. So, all modules are equally important and are designed to develop the overall personality of the students along with learning.

PRAGNYAN'22 has been introduced to provide a foundation for the corporate entry where all the basics are taught in a step-wise manner and the students are given time to understand concepts thoroughly. So, when attendance dips for PRAGNYAN'22, it affects the fundamentals and the students might find it difficult to adapt to corporate life.

There are doubts clearing sessions every day as well, where the students can clarify their doubts regarding any module. This way there will be continuity in the modules and learning is ensured.

The overall attendance analysis and day wise attendance analysis is also shared in this report. This will help us to create rigor among the team to improve attendance in low lying classes and thereby achieving student enhancement.

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EVALUATIONS – STUDENT PERFORMANCE TRACKING

Evaluations form a prime part in PRAGNYAN process. What is the need to train if the growth is not measured? It is always advisable and recommended to have a track on the path that the students are lead to. ZESTECH strongly believes in the fact that if the path is not tracked or if the path leads to a wrong, undesired direction then corrective measures are to be taken to alter it and bring the course right on target. Nevertheless, the module structure, design and delivery is not a flaw. But the growth measurement becomes an inevitable part in the PRAGNYAN process.

Measurement and evaluation of learning had its effect on the students. Feedback is essential for ZESTECH to know how the students of AIT are progressing, and evaluation is crucial to the learner's confidence too. There were excellent differences in the improvement of the students. The focus towards students' skill set improvement never stopped. Students can be switched off the whole idea of learning and development very quickly if they receive only negative critical test results. Always look for positives in negative results. Encourage and support - don't criticize without adding some positives, and certainly never focus on failure, or that's just what you'll produce. This is a much overlooked factor in all sorts of evaluation and testing, and since this element is not typically included within evaluation and assessment tools the point is emphasized point loud and clear here. ZESTECH overcame this long back by constantly seeking help from the Training & Placement Department of AIT to get it cleared once the gap is identified. The results and student development started to become an imperative part of AIT.

There are multiple Session Wise evaluations happened this year. The evaluation syllabus is prepared at regular intervals. The session wise evaluations at the end of every Quantitative Aptitude and Verbal Aptitude Sessions. The day wise evaluations happen at the end of the day with the previous day's syllabus as the evaluation modules.

SESSION WISE – EVALUATIONS – AVERAGE SCORES- 4th

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PRAGNYAN'22– TRAINER FEEDBACK ANALYSIS

"Feedback is the breakfast of Champions"

It is inevitable to bring about a change in the students' learning path. Only by improving the standards of training this can be achieved. The training standards are nevertheless improved by upgrading the modules for the training program. This confirms the realization only with the help of student feedback about the trainers and their views towards the module and the program.

FEEDBACK ANALYSIS

The analysis portrayed below gives a detailed outlook of trainers' overall feedback percentage with respect to number of students surveyed. These are objective positioning right from understanding the concepts till usage of the same in their career.

Chart: C₃

Overall Feedback Analysis

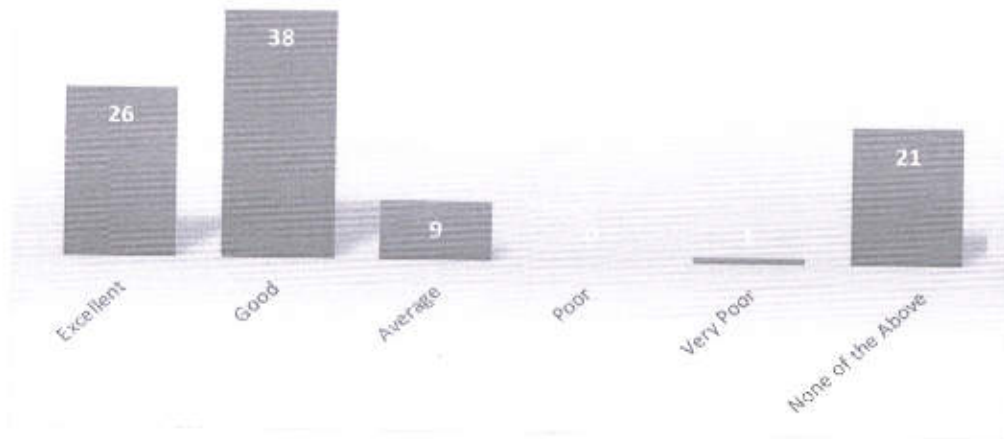
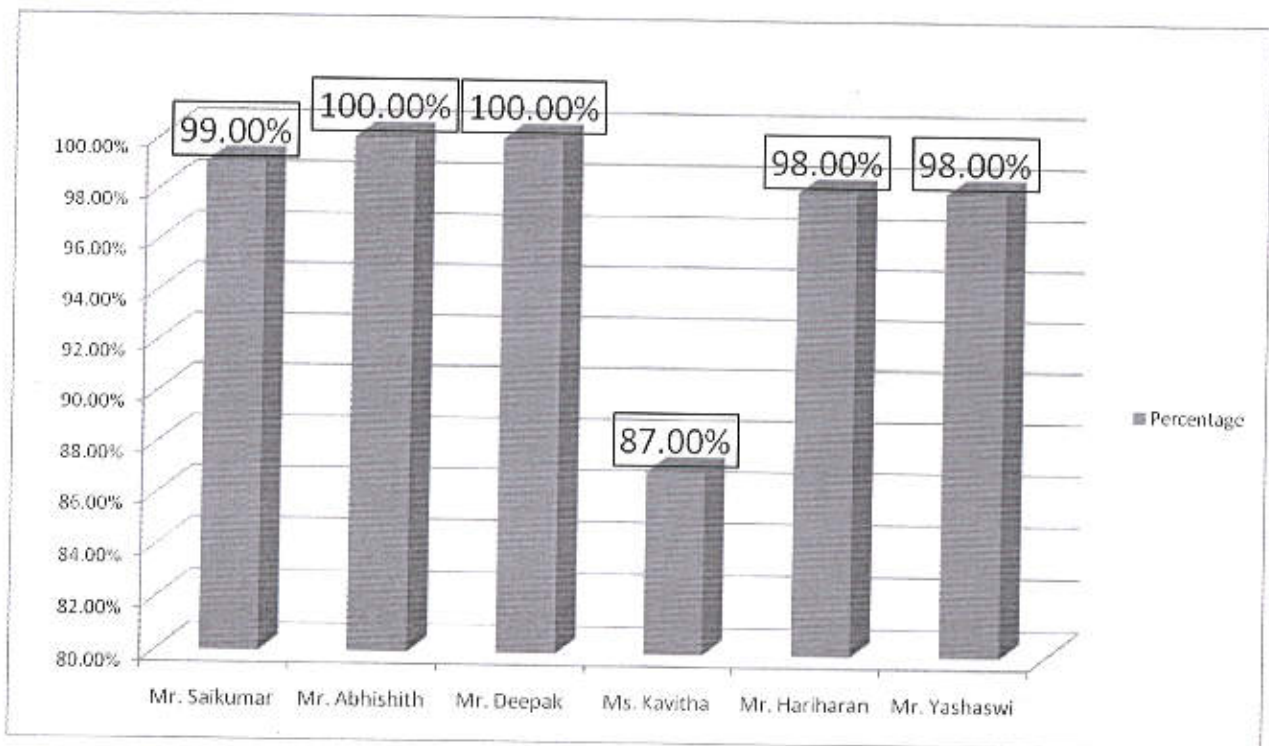


Chart: C₄



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ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKMAGALURU

Department of Information Science & Engineering



Logical and Technical Training (Pragnyan) Certificate Program for 6th Semester (2021-22)

Schedule : 9 am - 5 pm (Lunch break :1pm- 2pm)

Date	Day	1	2	3
27-Jun-22	Monday	Time & Work-I	Career Rad Map + Stress Management	Time & Work-II
28-Jun-22	Tuesday	Presentation Skills	Time, Speed & Distance-I	Lateral thinking
29-Jun-22	Wednesday	Time, Speed & Distance-II	Direct and Indirect Speech	Permutation & Combination-I
30-Jun-22	Thursday	Active and Passive voice	Permutation & Combination - II	Sentence Completion
01-Jul-22	Friday	Paragraph writing	Probability	Assessment


Dr. S. SAMPATH
B.E., M.Tech., Ph.D.

Dr. S. Sampath
Signature of HOD - IS&E Dept.
Dept. of Information Science & Engg.
A.I.T., Chikkamagaluru - 577102.

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6th sem-Certification Program Syllabus

Module Names	Domain
Career Road Map + Stress Management	Soft Skills
Presentation Skills	Soft Skills
Lateral Thinking	Soft Skills
Failure and Resilience Accepting Criticism & Humor	Soft Skills
SWOT Analysis + Compete with Competency	Soft Skills
Direct and Indirect speech	Verbal
Active and Passive Voice	Verbal
Confusables	Verbal
Time and Work	Aptitude
Time Speed and Distance	Aptitude
Permutation and Combination	Aptitude
Probability	Aptitude
Outdoor Activity	

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EVALUATIONS-STUDENT PERFORMANCE TRACKING

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ZESTECH
INNOVATION, GROWTH & VALUES

OVERALL ATTENDANCE ANALYSIS

6TH SEMESTER							
Consolidated Student Count for 6th semester training			No. of students present				
Sl. No.	Branch	Total no. of students	Day 1	Day 2	Day 3	Day 4	Day 5
1	ECE- A	60	51	53	49	55	50
2	ECE- B	60	53	49	44	51	51
3	CSE - A	60	60	60	55	57	58
4	CSE -B	60	55	58	50	52	55
5	ISE	60	47	50	45	52	58
6	MECH -A	60	38	37	40	38	45
7	MECH -B	60	30	35	45	42	48
8	CIVIL - A	60	25	27	28	30	32
9	CIVIL - B	60	38	37	28	30	32
10	EEE	60	50	52	52	54	58
		600	447	458	436	461	487


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HOD & Professor, IS&E Dept.

PRAGNYAN'22- TRAINER FEEDBACK ANALYSIS

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FEEDBACK ANALYSIS

The analysis portrayed below gives a detailed outlook of trainers' overall feedback percentage with respect to number of students surveyed. These are objective positioning right from understanding the concepts till usage of the same in their career.

Chart: C₁

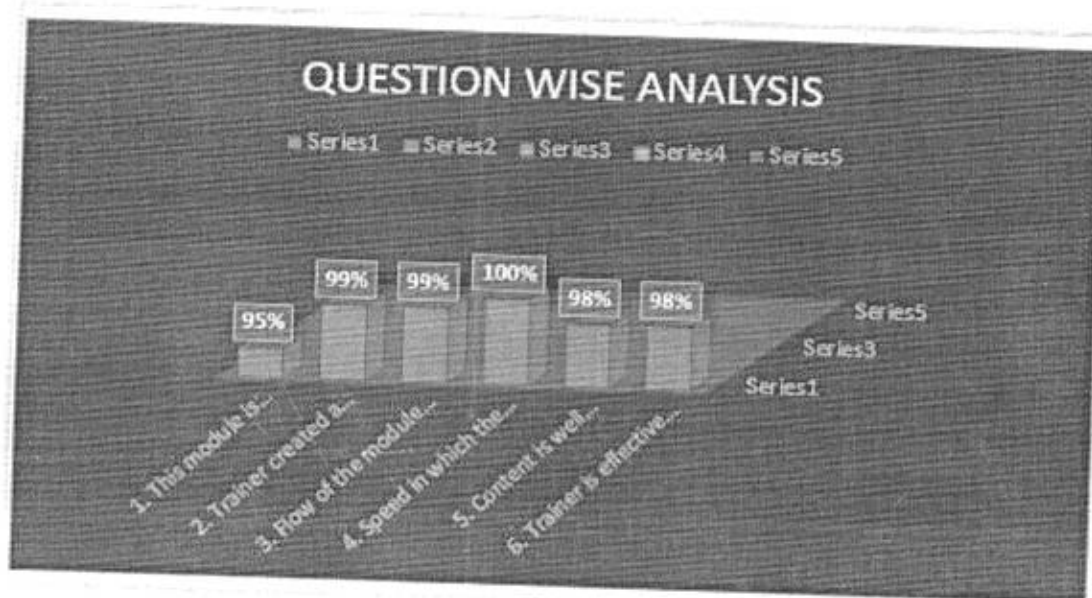
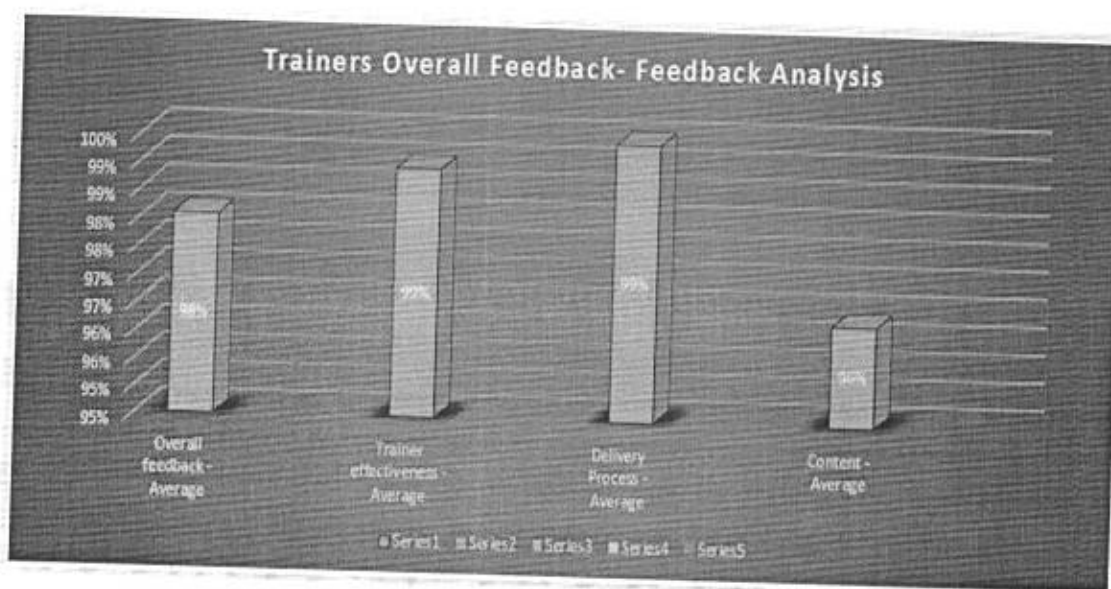


Chart: C₂.



|| Jai Sri Gurudev ||



**SRI ADICHUNCHANAGIRI SHIKSHANA TRUST ®
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU**

P.B No.91, Adichunchanagiri Extension, Chikkamagaluru-577 102, Karnataka, India.

Ref: AIT/IQAC/ISE/ 580 /2021-22

Date: 01/06/2022

Circular

Department of Information Science & Engineering is conducting a Certificate Program (Add-on Program) on "*Natural Language Processing (NLP) Simplified*" from 06/06/2022 to 10/06/2022. All other HOD's instruct the concern department students to attend the program. Following faculty member (Course instructor) is conducting a certificate program at IS&E Department.


Course Instructor

Mrs. Anjali B.V

Assistant Professor
Dept. of ISE
AIT, Chikkamagalur


HOD's Signature

Professor & HOD
Department of Information Science & Engg.,
Adichunchanagiri Institute of Technology,
Chikkamagaluru - 577 102.


Principal Signature

Dr. C.T. JAYADEVA

Principal B.E.,M.Tech.,Ph.D.
Adichunchanagiri Institute of Technology
CHIKKAMAGALURU-577102

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALUR
DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

Add-On course -for 8th Semester

Natural Language Processing (NLP) Simplified

Duration:06/06/2022 – 10/06/2022 (30 hours)

Syllabus

Module 1:

Introduction :Overview .What is Natural Language Processing .Origins of NLP .Language and Knowledge .The Challenges of NLP . How Does NLP Fit into the AI World?NLP: Game changers in our daily life, examples for Businesses. Widely used areas of NLPs. Components of NLP

Module 2:

Linguistics , Syntactic & Semantic Analysis , Lexical Ambiguity, Referential Ambiguity. Steps involved while performing NLP tasks. Parsing

Module 3:

Widely used NLP Libraries : Getting Started With Python's NLTK ,Tokenizing,Filtering Stop Words,Stemming,Tagging Parts of Speech,Lemmatizing,Chunking,Chinking .Using Named Entity Recognition (NER),Getting Text to Analyze, Bag of Words, StyleCloud, Term Frequency–Inverse Document Frequency (TF-IDF) . Visualization

Course Outcomes

1. Define the importance of Natural Language.
2. Understand various terminologies used Natural language processing.
3. Illustrate the usage of various library using nltk tool for Text Analysis.


Text Books:

1. Natural Language Processing with Python - Written by Steven Bird, Ewan Klein & Edward Loper.
2. Natural Language Processing: Python and NLTK Learning Path - Written by Nitin

Websites:

nltk.org
pythonspot.com
pythonprogramming.net
towardsdatascience.com


Instructor's Signature


HOD's Signature
Professor & HOD
Department of Information Science & Engg.,
Adichunchanagiri Institute of Technology
Chikkamagaluru - 577 102.



|| Jai Sri Gurudev ||


**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKMAGALURU**

Department of Information Science & Engineering


List of Students enrolled for

Add-On Course "Natural Language Processing (NLP)-Simplified"
from **06/06/2022 to 10/06/2022** at IS & E Department

Sl.No.	USN	Name of the Candidates	Signature
1	4AI17IS005	ANU C R	Anu C R
2	4AI17IS033	MEGHANA K R	Meghana
3	4AI18IS001	ABHISHI B M	Abhishek
4	4AI18IS002	ADI BHAGAVATH	Adi
5	4AI18IS003	AMULYA C N	Amulya C N
6	4AI18IS004	ANUSHA C S	Anusha
7	4AI18IS005	AVINASH H S	Avinash C
8	4AI18IS006	BHARATH S	Bharath
9	4AI18IS007	BHAVANA R	Bhavana
10	4AI18IS008	BHOOMIKA C S	Bhoomika
11	4AI18IS009	BHOOMIKA R	Bhoomika
12	4AI18IS010	BHOOMIKA S R	Bhoomika
13	4AI18IS012	CHINMAYI I S	Chinmayi
14	4AI18IS013	DEEKSHA J	Deeksha
15	4AI18IS014	ESHWARI B V	Eshwari
16	4AI18IS015	GIRISH GOWDA D K	Girish

42	4AI18IS044	SAMPOORNA H S	
43	4AI18IS045	SAMPREETHA V K	<u>Sampitha</u>
44	4AI18IS046	SANJANA GINGADE	<u>Sanjana G</u>
45	4AI18IS049	SHIVARAJ B C	<u>Shiv. B. C.</u>
46	4AI18IS050	SHREYA STANIK D	<u>Shreya Stanik D</u>
47	4AI18IS051	SHUBHA C O	<u>Shubha C.O</u>
48	4AI18IS052	SHWETHA L R	<u>Shwetha L.R.</u>
49	4AI18IS053	SNEHA S HEGDE	<u>Sneha S. Hegde</u>
50	4AI18IS054	SONIKA M SHETTY	<u>Sonika M</u>
51	4AI18IS055	SOUJANYA B S	<u>Soujanya B.S.</u>
52	4AI18IS056	SOWMYA M	<u>Sowmya M.</u>
53	4AI18IS057	SUCHITRA N S	<u>Suchitra N.S.</u>
54	4AI18IS058	SUPRITHA H H	<u>Supritha H.H.</u>
55	4AI18IS059	SUSHMA B H	<u>Sushma B.H.</u>
56	4AI18IS060	TANMAYA M	<u>Tanmaya M.</u>
57	4AI18IS061	VACHANAMAYURI HM	<u>Vachanamayuri H.M.</u>
58	4AI18IS062	VARSHA M G	<u>Varsha M.G.</u>
59	4AI18IS063	VIDHATRI C V	<u>Vidhatri C.V.</u>
60	4AI18IS064	JAGATH J S	<u>Jagath J.S.</u>
61	4AI18IS065	ANUSHA S N	<u>Anusha S.N.</u>
62	4AI18IS066	KAVANA K	<u>Kavana K.</u>
63	4AI18IS067	SHARADHI A S	<u>Sharadhi A.S.</u>


Anjali BV
Course Co-ordinator


Dr. S. Sampath
HOD -IS&E Dept ,AIT
Dr. S. SAMPATH
B.E.,M.Tech.,Ph.D.
Professor & HOD
Dept. of Information Science & Engg.
A.I.T., Chikkamagaluru - 577102.

42	4AI18IS044	SAMPOORNA H S	P	P	P	A	P	P	P	P	P	P	P	Abv
43	4AI18IS045	SAMPREETHA V K	P	P	P	P	P	P	A	P	P	P	P	Sampreetha
44	4AI18IS046	SANJANA GINGADE	P	P	P	P	P	P	P	P	P	P	P	Sanjana
45	4AI18IS047	SANJAY M												
46	4AI18IS049	SHIVARAJ B C	P	P	A	P	P	P	P	P	P	P	P	Shivaraj B.C
47	4AI18IS050	SHREYA STANIK D	P	P	P	P	A	P	P	P	P	P	P	Shreya Stanik D
48	4AI18IS051	SHUBHA C O	P	P	P	P	P	P	P	P	P	P	P	Shubha C.O
49	4AI18IS052	SHWETHA L R	P	P	P	P	P	P	P	P	P	P	P	Shwetha L.R
50	4AI18IS053	SNEHA S HEGDE	P	A	P	P	P	A	P	P	P	P	P	Sneha S Hegde
51	4AI18IS054	SONIKA M SHETTY	P	P	A	A	P	P	P	P	P	P	P	Sonika M Shetty
52	4AI18IS055	SOUJANYA B S	P	P	P	P	P	P	A	P	P	P	P	Soujanya B.S
53	4AI18IS056	SOWMYA M	P	P	P	P	P	P	P	A	P	P	P	Sowmya M
54	4AI18IS057	SUCHITRA N S	A	A	P	P	P	P	P	P	P	P	P	Suchitra N.S
55	4AI18IS058	SUPRITHA H H	P	P	P	P	P	P	P	P	P	P	P	Supriya H.H
56	4AI18IS059	SUSHMA B H	P	P	P	P	P	A	P	P	P	P	P	Sushma
57	4AI18IS060	TANMAYA M	P	P	A	P	P	P	P	A	P	P	P	Tanmaya
58	4AI18IS061	VACHANAMAYURI HM	P	P	P	P	P	P	P	P	P	P	P	Vachanamayuri HM
59	4AI18IS062	VARSHA M G	P	P	P	P	P	P	P	P	P	P	P	Varsha M.G
60	4AI18IS063	VIDHATRI C V	P	P	P	P	P	P	P	P	P	P	P	Vidhatri C.V
61	4AI18IS064	JAGATH J S	P	P	P	P	P	P	P	P	P	P	P	Jagath J.S
62	4AI18IS065	ANUSHA S N	P	P	P	P	P	P	P	P	P	P	P	Anusha S.N
63	4AI18IS066	KAVANA K	P	P	P	A	A	P	P	A	P	P	P	Kavana
64	4AI18IS067	SHARADHI A S	P	A	P	P	P	P	P	P	P	P	P	Sharadhi A.S

Abv
Course Instructor's Signature

Abv
06/06

Abv
06/06

Abv
07/06

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07/06

Abv
08/06

Abv
08/06

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09/06

Abv
09/06

Abv
10/06

Abv
10/06

HOD's Signature 11/10/22

Professor & HOD

Department of Information Science & Engg
Adichunchanagiri Institute of Technology
Chikmagalur - 577 102



|| Jai Sri Gurudev ||
Sri Adichunchanagiri Shikshana Trust(R)



ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-577102
DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING



Certificate of Participation

This is to certify that Mr/Ms

Kruthika. N.P

has attended the five days "Natural Language Processing (NLP) Simplified" held at Department of Information Science and Engineering, AIT, Chikkamagaluru, Karnataka, on 6th to 10th June 2022.

Mrs. Anjali B.V
Course Instructor, Assistant Professor
Dept of IS&E, AIT, Chikkamagaluru

Dr. S. Sampath
Professor and Head, Dept of IS&E
AIT, Chikkamagaluru

Dr. C. T. Jayadeva
Principal
AIT, Chikkamagaluru



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Sri Adichunchanagiri Shikshana Trust(R)



ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-577102
DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING



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This is to certify that Mr/Ms

Hema .H.V

has attended the five days "**Natural Language Processing (NLP) Simplified**" held at Department of Information Science and Engineering, AIT, Chikkamagaluru, Karnataka, on 6th to 10th June 2022.

Mrs. Anjali B.V
Course Instructor, Assistant Professor
Dept of IS&E, AIT, Chikkamagaluru

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Professor and Head, Dept of IS&E
AIT, Chikkamagaluru

Dr. C. T. Jayadeva
Principal
AIT, Chikkamagaluru

Assessment on Add-On Course
Natural Language Processing (NLP) -Simplified
06/06/2022 to 10/06/2022

Sl No	Topic	Online Quiz - Google Form Link
1	Assessment for Natural Language Processing (NLP)-Simplified	https://docs.google.com/forms/d/e/1FAIpQLSddgYrM39zacJAcogfpT1qCIdKRDgl24pxe3Jd1wyEbn0nZ3w/viewform?usp=sf_link

Screen shot of Student's Assessment in Google Form



Anjali
Anjali B.V

Signature of Course Instructor

Dr. S. Sampath

Dr. S. Sampath
Signature of HOD -IS&E Dept

Professor & HOD
Department of Information Science & Engg.,
Adichunchanagiri Institute of Technology,
Chikkmagaluru - 577 102.

Natural Language Processing (NLP) –Simplified
Assessment Question

What is the full form of NLP?



Multiple choice



Non-natural Language Processing

X

Normal Language Processing

X

Natural Language Processing



X

None of the above

X

Add option or add "Other"

What is the process for reducing inflected words to their root form in linguistic morphology?



Multiple choice



Stemming



X

Rooting

X

Text-Proofing

X

Both a & b

X

Add option or add "Other"

Which of the below are NLP use cases?



Multiple choice

Speech Biometric

X

Facial Recognition

X

Text Summarization

✓

X

Detecting objects from an image

X

Add option or add "Other"

Which of the following is an application of nlp?



Multiple choice

Alexa

✓

X

Zenodha

X

Coir



X

All of the above

X

Add option or add "Other"

One of the main challenge/s of NLP is _____



Multiple choice

Handling Tokenization

X

Handling POS-Tagging

X

Handling Ambiguity of Sentences

✓

X

All of the Above

X

Add option or add "Other"

Modern NATURAL LANGUAGE PROCESSING algorithms are based on machine learning, specifically statistical machine learning.



Multiple choice

True



False



Partially True



Add option or add "Other"

Choose from the following areas where NATURAL LANGUAGE PROCESSING can be helpful.



Multiple choice

Automatic Text Summarization



Automatic Question Answering Systems



Information Retrieval



All of these



Add option or add "Other"

What is Machine Translation?



Multiple choice

Converts any human language to English



Converts one human language to another



Converts human language to machine language



Converts Machine language to human language



Add option or add "Other"

What is natural language processing good for? ☐ Multiple choice ▾

Summarize blocks of text ✕

Identify the type of entity extracted ✕

Automatically generate keyword tags ✕

All of the Above ✓ ☐ ✕

Add option or add "Other" ☐

Which of the following component of NLP? ☐ Multiple choice ▾

Pragmatic analysis ✕

Entity extraction ✕

Syntactic analysis ✕

All of the above ✓ ✕

Add option or add "Other" ☐

Anjali
 Anjali BV
 Course Instructor

Dr. S. Sampath
 Dr. S. Sampath
 HOD's Signature
Professor & HOD
 Department of Information Science & Engg.
 Adichunchanagiri Institute of Technology
 Chikmagalur - 577 102.

ADD-ON Course –Natural Language Processing Simplified
6th to 10th June 2022

Feedback Form

Name: Krunthika .N.P

USN: 4AI18ISO24

No	Questionnaire	Excellent	Good	Average
1	The course contents is not under regular University curriculum <i>Yes</i>	✓		
2	The lecture sequence was well planned and met the course objectives		✓	
3	The contents were illustrated with more examples		✓	
4	The lectures were clear and easy to understand.	✓	✓	
5	The course exposed to new knowledge & practices		✓	
6	Any suggestions for the course conducted :			

Anjali

Course Instructor's Signature

[Signature]

HOD's Signature
Professor & HOD
Department of Information Science & Engg.
Adichunchanagiri Institute of Technology
Chikkamagaluru - 577 102.

ADD-ON Course –Natural Language Processing Simplified
6th to 10th June 2022

Feedback Form

Name: Hema H.V

USN: 4AI18ISO17

No	Questionnaire	Excellent	Good	Average
1	The course contents is not under regular University curriculum - <i>YES</i>	✓		
2	The lecture sequence was well planned and met the course objectives		✓	
3	The contents were illustrated with more examples		✓	
4	The lectures were clear and easy to understand.		✓	
5	The course exposed to new knowledge & practices	✓		
6	Any suggestions for the course conducted : <i>Need more real time applications Examples.</i>			

Anjali

Course Instructor's Signature

[Signature]

HOD's Signature
Professor & HOD
Department of Information Science & Engg.
Adichunchanagiri Institute of Tech
Chikkamagaluru - 577 102.

**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU**

Department of Information Science & Engineering

Summary Report

The course “**Natural Language Processing (NLP) –Simplified**” was conducted at IS&E Dept for the final year students from **06/06/2022 to 10/06/2022**.

During the course ,the students are able to understand the importance of Natural Language Processing (NLP) in the field of Artificial Intelligence (AI) . Also gained the knowledge for how computers are made to understand and process human language . Explored the various real time applications in the field of NLP such Smart Assistant, Predictive Text, Email Filters. Illustrated the various steps in NLP tasks such Linguistics , Syntactic & Semantic Analysis , Lexical Ambiguity, Referential Ambiguity, tokenization, lemmatization, Bag of words etc. Demonstrated the usage of NLTK tools for building NLP applications

Course Outcomes

1. Define the importance and understand various terminologies in NLP.
2. Illustrated the various steps in NLP tasks.
3. Illustrated the usage of various library using nltk tool for Text Analysis.



Instructor's Signature



HOD's Signature

**Department of Information Science & Engg.,
Adichunchanagiri Institute of Technology
Chikmagalur - 577 102.**

Dr. S. SAMPATH
B.E.,M.Tech.,Ph.D.
Professor & HOD
Dept. of Information Science & Engg.
A.I.T., Chikmagalur - 577102.



|| Jai Sri Gurudev ||

SRI ADICHUNCHANAGIRI SHIKSHANA TRUST®
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CHIKKAMAGALURU



P.B No.91, Adichunchanagiri Extension, Chikkamagaluru-577 102, Karnataka ,India.

Ref: AIT/IQAC/ISE/ 582 /2021-22


Date:13/05/2022

Circular

Department of Information Science & Engineering is conducting a Certificate Program (Add-on Program) on "**Microprocessor X 86**" from **16/05/2022** to **20/05/2022**. All other HOD's instruct the concern department students to attend the program. Following faculty member (Course instructor) is conducting a certificate program at IS&E Department.

Course Instructor

Mrs. Deepashri K S
Assistant Professor
Dept. of ISE
AIT Chikmagalur


HOD's Signature

Professor & HOD

Department of Information Science & Engg.,
Adichunchanagiri Institute of Technology,
Chikkamagaluru - 577 102.



Principal's Signature

Dr. C.T. JAYADEVA

Principal

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

Adichunchanagiri Institute of Technology
CHIKKAMAGALURU-577102

Microprocessors -8086

Syllabus

MODULE 1

Introduction to Microprocessor

Introduction to Microprocessors, Intel Microprocessor families, 8086 Microprocessor internal architecture, Functional units, Assembler Directives, Assemble, Link and Run a Program, Sample programs. (10 Hours)

Text Book 1-Chapter 2, Text Book 2-Chapter 2

MODULE 2

Addressing Modes & Instruction set

8086 Addressing modes, Data transfer, Arithmetic and Logic instructions. BCD and ASCII conversion, rotate instructions, Illustration of these instructions with example programs.(10 hours)

Text Book 2-chapter 3

MODULE 3

Microprocessor X86 Interrupts

Interrupts and Interrupt Service routines, Interrupt cycle of 8086, Interrupt Types, BIOS INT 10h and INT 21h programming, Timing and Delays (10 hours)

Text Book 1-chapter 8, Text Book 2 Chapter 4

Textbook/ Textbooks

1. Microprocessors and Interfacing Microprocessors and Interfacing by Douglas Hall, McGraw-Hill Education
2. The X86 PC Assembly Language, Design and Interfacing, 5th Edition, Muhammad Ali Mazidi, Janice Gillispie Mazidi, Danny causey

Approved




|| Jai Sri Gurudev ||

**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU**








Department of Information Science & Engineering

List of Students enrolled for

Add-On Course "Microprocessor X 86"

From **16/05/2022** to **20/05/2022** at IS &E Department

Sl.No.	USN	Name of the Candidates	Signature
1	4AI20IS001	Aishwarya Srinivas	
2	4AI20IS002	Amulya K R	
3	4AI20IS003	Amulya M P	
4	4AI20IS004	Ananya L S	
5	4AI20IS005	Ananya S	
6	4AI20IS006	Ankitha Mohan	
7	4AI20IS007	Ashish N U	
8	4AI20IS008	Bhavana H R	
9	4AI20IS009	Bhavana V	
10	4AI20IS010	Bindu C N	
11	4AI20IS011	Chandrashekar	
12	4AI20IS012	Chethan B L	
13	4AI20IS013	Chithra D Rao	
14	4AI20IS014	Deepak P D	
15	4AI20IS015	Deepika L K	
16	4AI20IS016	Dileep Kumar L J	
17	4AI20IS017	Hima B C	
18	4AI20IS018	Ibbani C S	

46	4AI20IS046	Shama D U	Shama D.U.
47	4AI20IS047	Sinchana N S	Sinchana - NS.
48	4AI20IS048	Sneha L N	Sneha L.N.
49	4AI20IS049	Somashekar G P	
50	4AI20IS050	Spandana M S	Spandana.M.S
51	4AI20IS051	Spoorthi N S	Spoorthi N.S
52	4AI20IS052	Srujana Mary S A	Srujana
53	4AI20IS053	Sujan J	
54	4AI20IS054	Sujay H C	
55	4AI20IS055	Sumangala K	Sumangala.K
56	4AI20IS056	Suraksha H P	
57	4AI20IS057	Swathi L D	Swathi.L.D
58	4AI20IS058	Utsav M U	
59	4AI20IS059	Vaishnavi A S	Vaish
60	4AI20IS060	Vaishnavi B Puranik	
61	4AI20IS061	Varsha B H	Varsha BH
62	4AI20IS062	Veeksha K R	Veeksha
63	4AI20IS063	Vidyashree M E	Vidyashree M.E
64	4AI21IS400	Nikitha Das	



Deepashri KS
Course Co-ordinator



Dr. S. Sampath
Signature of HOD -IS&E Dept

Dr. S. SAMPATH
B.E., M.Tech., Ph.D.
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SVKM'S VIDYALINGAYAN INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-577102
DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

ADD-ON Course –Microprocessor X86

Attendance Report

Note :Session 1=9.30-12.30 Session 2=2.30-4.30

S.NO	USN	Student Name	16/05/22		17/05/22		18/05/22		19/05/22		20/05/22		Signature
			Session-1	Session-2	Session-1	Session-2	Session-1	Session-2	Session-1	Session-2	Session-1	Session-2	
1	4AI20IS001	Aishwarya Srinivas	1	2	3	4	5	6	7	8	9	10	Aishwarya
2	4AI20IS002	Amulya K R	1	2	3	4	5	6	7	8	9	10	Amulya
3	4AI20IS003	Amulya M P	1	2	3	4	5	6	7	8	9	10	Amulya
4	4AI20IS004	Ananya L S	1	2	3	4	5	6	7	8	9	10	Ananya L S
5	4AI20IS005	Ananya S	1	2	3	4	5	6	7	8	9	10	Ananya S
6	4AI20IS006	Ankitha Mohan	1	2	3	4	5	6	7	8	9	10	Ankitha Mohan
7	4AI20IS007	Ashish N U	1	2	3	4	5	6	7	8	9	10	Ashish
8	4AI20IS008	Bhavana H R	1	2	3	4	5	6	7	8	9	10	Bhavana
9	4AI20IS009	Bhavana V	1	2	3	4	5	6	7	8	9	10	Bhavana V
10	4AI20IS010	Bindu C N	1	2	2	3	4	5	6	7	8	9	Bindu C N
11	4AI20IS011	Chandrashekar	0	1	2	3	4	5	6	7	8	9	Chandrashekar
12	4AI20IS012	Chethan B L	1	2	3	4	5	6	7	8	9	10	Chethan B L
13	4AI20IS013	Chithra D Rao	1	2	3	4	5	6	7	8	9	10	Chithra D Rao
14	4AI20IS014	Deepak P D	0	0	1	2	3	4	5	6	6	7	Deepak P D
15	4AI20IS015	Deepika L K	1	2	3	4	5	6	7	8	9	10	Deepika L K

16	4AI20IS016	Dileep Kumar L J	1	2	3	4	5	6	7	8	9	10	10
17	4AI20IS017	Hima B C	1	2	3	4	5	6	7	8	9	10	10
18	4AI20IS018	Ibbani C S	1	2	3	4	5	6	7	8	9	10	
19	4AI20IS019	Impana M K	1	2	3	4	5	6	7	8	9	10	10
20	4AI20IS020	Irfan A	1	1	2	2	3	4	5	6	7	8	10
21	4AI20IS021	Jayashree L	0	0	0	1	2	3	4	5	6	7	Jayashree L
22	4AI20IS022	Karthik K G	0	1	1	2	3	4	4	5	6	7	Karthik K G
23	4AI20IS023	Kavya H L	1	2	3	4	5	6	7	8	9	10	10
24	4AI20IS024	Kishan D R	1	2	3	4	5	6	7	8	9	10	10
25	4AI20IS025	Likitha C M	1	2	3	4	5	6	7	8	9	10	10
26	4AI20IS026	Sneha M	1	2	3	4	5	6	7	8	9	10	10
27	4AI20IS027	Manswisini A M	1	1	2	3	4	5	6	7	8	9	Manswisini A M
28	4AI20IS028	Mohammed Adnan Hafeez	0	0	0	1	1	2	3	4	5	6	10
29	4AI20IS029	Monika C J	1	2	3	4	5	6	7	8	9	10	Monika C J
30	4AI20IS030	Likitha N S	1	2	3	4	5	5	6	7	8	9	10
31	4AI20IS031	Nisarga B D	1	2	3	4	5	6	7	8	9	10	Nisarga
32	4AI20IS032	Nisarga B R	1	2	3	4	5	6	7	8	9	10	Nisarga
33	4AI20IS033	Nisarga G	1	2	3	4	5	6	7	7	8	9	Nisarga
34	4AI20IS034	Pallavi L J	1	2	3	4	5	6	7	7	8	9	Pallavi
35	4AI20IS035	Pavithra B	1	2	3	4	5	6	7	8	9	10	Pavithra
36	4AI20IS036	Pooja B K	1	2	3	4	5	6	7	8	9	10	Pooja B K
37	4AI20IS037	Pooja H Y	1	2	3	3	4	5	6	7	8	9	Pooja H Y
38	4AI20IS038	Pranav K R	1	1	2	3	4	5	6	7	8	9	Pranav K R
39	4AI20IS039	Pranchana S S	0	1	2	3	4	5	6	7	8	9	Pranchana S S
40	4AI20IS040	Prapthi S	1	2	3	4	5	6	7	8	9	10	Prapthi S
41	4AI20IS041	Prekshitha V K	1	2	3	4	5	6	7	8	9	10	Prekshitha V K

42	4AI20IS042	Prerana A	1	1	2	3	4		6	7	8	9	Prerana A
43	4AI20IS043	Priya E T	1	2	3	4	5	6	7	8	9	10	Priya E T
44	4AI20IS044	Rachana T R	1	2	3	4	5	6	7	8	9	10	Rachana T R
45	4AI20IS045	Sathvik P M	0	1	2	3	4	5	6	7	8	09	
46	4AI20IS046	Shama D U	1	2	3	3	4	5	6	7	8	09	Shama D U
47	4AI20IS047	Sinchana N S	1	2	3	3	4	5	6	7	8	09	Sinchana N S
48	4AI20IS048	Sneha I. N	1	2	3	4	5	6	7	8	9	10	Sneha I. N
49	4AI20IS049	Somashekar G P	0	1	2	3	4	5	6	7	8	09	
50	4AI20IS050	Spandana M S	1	2	3	4	5	6	7	8	9	10	Spandana M S
51	4AI20IS051	Spoorthi N S	1	2	3	4	5	6	7	8	9	10	Spoorthi N S
52	4AI20IS052	Srujana Mary S A	1	2	3	4	5	6	7	8	9	10	Srujana Mary S A
53	4AI20IS053	Sujan J	0	1	2	3	3	4	5	6	7	8	Sujan J
54	4AI20IS054	Sujay H C	0	1	2	3	4	5	6	7	8	9	Sujay H C
55	4AI20IS055	Sumangala K	1	2	3	4	4	5	6	7	8	9	Sumangala K
56	4AI20IS056	Suraksha H P	1	2	3	4	5	6	7	8	9	10	Suraksha H P
57	4AI20IS057	Swathi I. D	0	1	2	3	4	5	6	7	8	9	Swathi I. D
58	4AI20IS058	Utsav M U	0	1	2	3	4	5	6	7	8	9	Utsav M U
59	4AI20IS059	Vaishnavi A S	1	2	3	3	4	5	6	7	8	9	Vaishnavi A S
60	4AI20IS060	Vaishnavi B Puranik	1	2	3	3	4	5	6	7	8	9	Vaishnavi B Puranik
61	4AI20IS061	Varsha B H	1	2	3	4	5	6	7	8	9	10	Varsha B H
62	4AI20IS062	Veeksha K R	1	2	3	4	5	6	7	8	9	10	Veeksha K R
63	4AI20IS063	Vidyashree M E	1	2	3	4	5	6	7	8	9	10	Vidyashree M E
64	4AI21IS400	Nikitha Das	1	2	3	4	5	6	7	8	9	10	Nikitha Das


Course Instructor's Signature


HOD's Signature



|| Jai Sri Gurudev ||
Sri Adichunchanagiri Shikshana Trust(R)



ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-577102



DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING



Certificate for Participation

This is to certify that Mr/Ms

Kishan D R

has attended the five days "**Microprocessor X 86**" held at Department of Information Science and Engineering, AIT, Chikkamagaluru, Karnataka, from **16/05/2022** to **20/05/2022**.

Mrs. Deepashri K S
Course Instructor, Assistant Professor
Dept of IS&E, AIT, Chikkamagaluru

Dr. S. Sampath
Professor and Head, Dept of IS&E
AIT, Chikkamagaluru

Dr. C. T. Jayadeva
Principal
AIT, Chikkamagaluru

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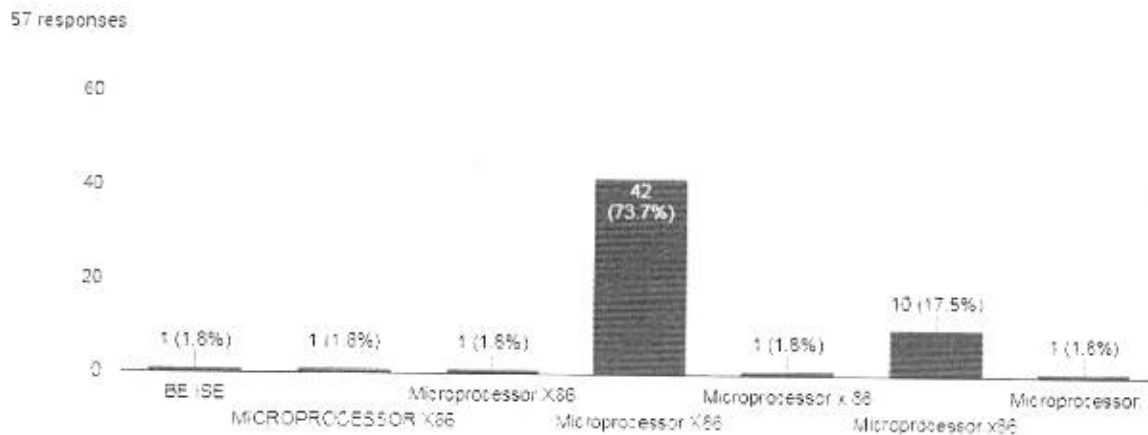
Feedback on Add-On Course

Microprocessor X86

21st to 25th March 2022

Sl.No.	Topic	Online Feedback-Google form link
1	Microprocessor X86 Feedback	https://forms.gle/yQavijUCno2TDdac9

Screenshot of Student's Feedback in Google form



Feedback Questions and response graph

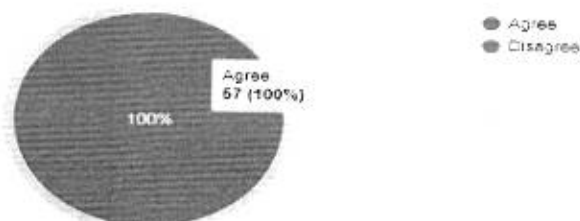
The course contents met with your expectations

57 responses



The lecture sequence was well planned

57 responses



Assessment on Add-On Course

Microprocessor X86

16th to 20th May 2022

Sl. No.	Topic	Online Quiz-Google form link
1	Quiz on Microprocessor X86	https://docs.google.com/forms/d/e/1FAIpQLSfgC3ni5NmxFQW9NEdo9B_SwUmNesZQbkTVEIaCOOtTdG7UDA/viewform?usp=share_link

Screenshot of Student's Assessment in Google form



Deepashri K S.
Deepashri K S

Signature of Course Instructor

Dr. S. Sampath

Signature of HOD-IS&E Dept.

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY CHIKKAMAGALURU

Department of Information Science & Engineering

Summary Report

The course “**Microprocessor X86**” was conducted at IS&E Dept for the 2nd year students from 16/05/2022 to 20/05/2022.

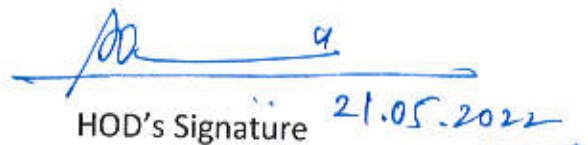
During the course ,the students are able to understand the importance of Microprocessor X86. Explored the different generations of Microprocessor available. Students are able understand different addressing modes,Flags and different instructions. Students also gained knowledge about interrupts,Types of interrupts and purpose of interrupts. Also highlighted the difference between microprocссор and microcontroller. Demonstrated the procedure to write ,assemble and execute assembly code of 8086 processor

Course Outcomes

1. Describe the microprocessor families and internal architecture of Microprocessor X 86
2. Apply the knowledge of the addressing modes and features of different Instructions set
3. Develop assembly language code to solve problems.
4. Explain the need of Interrupts and types of inturrupts.



Instructor's Signature



HOD's Signature 21.05.2022

Dr. S. SAMPATH
B.E.,M.Tech.,Ph.D.
Professor & HOD
Dept. of Information Science & Engg.
A.I.T., Chikkamagaluru - 577102,



|| Jai Sri Gurudev ||

SRI ADICHUNCHANAGIRI SHIKSHANA TRUST ®
DICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY ,
CHIKKAMAGALURU



P.B No.91,Adichunchanagiri Extension, Chikkamagaluru-577 102, Karnataka ,India.

Ref: AIT/IQAC/ISE/ 581 /2021-22

Date:15/03/2022

Circular

Department of Information Science & Engineering is conducting a Certificate Program (Add-on Program) on "**Data Structures using Python**" from **21/03/2022** to **25/03/2022**. All other HOD's instruct the concern department students to attend the program. Following faculty member (Course instructor) is conducting a certificate program at IS&E Department.

Course Instructor

Mrs. Ashwini Kamath
Assistant Professor
Dept. of ISE
AIT Chikmagalur

HOD's Signature

Professor & HOD

Department of Information Science & Engg.,
Adichunchanagiri Institute of Technology,
Chikkamagaluru - 577 102.

Principal Signature

Dr. C.T. JAYADEVA

Principal B.E.,M.Tech.,Ph.D.
Adichunchanagiri Institute of Technology
CHIKKAMAGALURU-577102

Adichunchanagiri Institute of Technology, Chikmagalur
Department of Information Science and Engineering

Data Structures using Python

Add on Course for 6th Semester B.E.,ISE Duration:30 Hours

Syllabus

Module 1:

Introduction, Arrays, Lists, Dictionary, Tuple, Set, Frozen Set, String, Byte Array, Collection
Module: Counter, OrderDict, DeafaultDict, ChainMap, NamedTuple, DeQue, UserDict,
UserList, UserString.

Module 2:

Linked list, Stack, Queue, Deque, Advanced Linked list, Hash Table, Binary tree, Search
tree, Heap, Graphs

Module 3:

Sorting Algorithms: Buuble sort, Merge sort, Insertion sort, Shell sort, Selection sort.
Searching Algorithms: Linear search, Interpolation search. **Graph Algorithms:** Depth First
Traversal, Breadth First Traversal

Textbook:

Python Data Structures by tutorialspoint (www.tutorialspoint.com)

Approved-



Professor & HOD
Department of Information Science & Engg.,
Adichunchanagiri Institute of Technology,
Chikmagalur - 577 102.



|| Jai Sri Gurudev ||

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY CHIKKAMAGALURU

Department of Information Science & Engineering

List of Students enrolled for
Add-On Course "Data Structures using Python"
From 21 st to 25 th March 2022at IS &E Department

Sl.No.	USN	Name of the Candidates	Signature
1	4AI18IS011	CHAITHANYA A	Chaithanya A.
2	4AI18IS030	NIKITHA ANAND	Nikhitha
3	4AI18IS041	SAGAR M S	Sagar
4	4AI18IS048	SANNIDHI C	Sannidhi
5	4AI19IS001	AHMEDI UMAMA	Ahmadi Umama
6	4AI19IS002	AISHWARAY H	Aishwarya H
7	4AI19IS003	AISHWARYA S RAO	Aishwarya S.R.
8	4AI19IS004	ANANYA M URS	Ananya M.U.R.S.
9	4AI19IS005	ANKITH T J	Ankith T.J.
10	4AI19IS006	ANVITHA GOWDA	Anvitha
11	4AI19IS007	B T NAMRATHA M URS	B.T. Namratha M.U.R.S.
12	4AI19IS008	BANUPRIYA S P	Banupriya
13	4AI19IS009	CHALANA K R	Chalana K.R.
14	4AI19IS010	CHINMAY SRI MANJU U S	Chinmay
15	4AI19IS011	GNANAVI C J	Gnanavi
16	4AI19IS012	H M VEDANTHA GOWDA	Vedantha
17	4AI19IS014	IBBANI A L	Ibbani
18	4AI19IS015	JEEVITHA H S	Jeevitha
19	4AI19IS016	KAVANA N C	Kavana N.C.
20	4AI19IS017	KAVANA N V	Kavana N.V.
21	4AI19IS018	KEERTHI K R	Keerthi K.R.
22	4AI19IS019	KIRAN B U	Kiran B.U.
23	4AI19IS020	LIKHITHA S S	Likhitha S.S.
24	4AI19IS021	MALLESH S R	Mallesha S.R.
25	4AI19IS022	MALLIKA H S	Mallika H.S.
26	4AI19IS023	MAMATHA RAVI KUMAR	Mamatha
27	4AI19IS024	MAMTA ONKARAMURTHY	Mamta
28	4AI19IS025	MANOJ D D	Manoj
29	4AI19IS026	MATHSA K	Mathsa
30	4AI19IS027	MEGHA H D	Megha H.D.
31	4AI19IS028	MONISHA L H	Monisha L.H.
32	4AI19IS029	NAYANA H R	Nayana
33	4AI19IS030	NIDHA FALAK	Nidha Falak
34	4AI19IS031	NISHATH FATHIMA SYED	Nishath

35	4AI19IS032	NOOR US SABAH	Noorus - Sabah
36	4AI19IS033	PANCHAMI M R	Pancham
37	4AI19IS034	PRAPTHA M P	Praptha M.P
38	4AI19IS035	PRATHEEK GUJAR S N	Pratheek
39	4AI19IS036	RAKESH J	Rakesh J
40	4AI19IS037	REETHU K	Reethu K
41	4AI19IS038	SADHANA I B	Sadhana IB
42	4AI19IS039	SAMAY H U	Samay
43	4AI19IS040	SAMEEKSH SRINIVAS	Sameeksha
44	4AI19IS041	SANJANA A	Sanjana A.
45	4AI19IS042	SATHWIK B V	Sathwik
46	4AI19IS043	SHARDDA GOWDA T M	Shardha Gowda
47	4AI19IS044	SHREEJA J	Shreeja
48	4AI19IS045	SHREYA U I	Shreya
49	4AI19IS046	SHRUNGA H R	Shrungha H.R
50	4AI19IS047	SHUBHA H T	Shubha H.T
51	4AI19IS048	SHWETHA H B	Shwetha H.B.
52	4AI19IS049	SINCHANA P SHETTY	Sinchana
53	4AI19IS050	SINDHU K	Sindhuk
54	4AI19IS051	SNEHA P GOWDA	Sneha Gowda
55	4AI19IS052	SOWJANYA N M	Sowjanya
56	4AI19IS053	SPANDANA C R	Spandana C.R
57	4AI19IS054	SPANDANA K A	Spandana K.A.
58	4AI19IS055	SPOORTHI H C	Spoorthi H.C
59	4AI19IS056	SUPREETH DEVANG H R	Supreeth
60	4AI19IS057	VARSHITHA NAYAK R	Varshitha
61	4AI19IS058	VENUGOPAL C K	Venugopal
62	4AI19IS059	VIDYA N G	Vidya N.G
63	4AI19IS060	VIKAS S	Vikas
64	4AI19IS061	VINAHA H V	Vinaha H.V.
65	4AI19IS062	YASHAS R NAVALE	Yashas R. Navale
66	4AI19IS063	YODHAN H J	Yodhan
67	4AI20IS400	AKHIL VASISTA D M	Akhil
68	4AI20IS401	PRITHVI RAJ A H	Prithvi

Ashwini Kamath

Ashwini Kamath
Signature of Course Co-ordinator

Dr. S. Sampath
Dr. S. SAMPATH
Signature of HOD -IS&E Dept B.E.,M.Tech.,Ph.D.
Professor & HOD
Dept. of Information Science & Engg.
A.I.T., Chikkamagaluru - 577102.

ADICHUNCHANAGIRI INSTITUTE O. TECHNOLOGY
CHIKKAMAGALURU-577102
DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

ADD-ON Course –Data Structure with Python

Attendance Report

Session 1=9.30-12.30 Session 2=2.30-4.30\

S.NO	USN	Student Name	21/03/22		22/03/22		23/03/22		24/03/22		25/03/22		Signature
			Session-1	Session-2	Session-1	Session-2	Session-1	Session-2	Session-1	Session-2	Session-1	Session-2	
1	4AI18IS011	CHAITHANYA A ✓	1	2	3	4	5	6	7	8	9	10	Chaitanya
2	4AI18IS030	NIKITHA ANAND ✓	1	2	3	4	5	6	7	8	9	10	Nikitha
3	4AI18IS041	SAGAR M S	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
4	4AI18IS048	SANNIDHI C	1	2	3	4	5	6	7	8	9	10	Sannidhi
5	4AI19IS001	AHMEDI UMAMA ✓	1	2	3	4	5	6	7	8	9	10	Ahmadi
6	4AI19IS002	AISHWARAY H ✓	1	2	3	4	5	6	7	8	9	10	Aishwarya
7	4AI19IS003	AISHWARYA S RAO ✓	1	2	3	4	5	6	7	8	9	10	Aishwarya
8	4AI19IS004	ANANYA M URS ✓	1	2	3	4	5	6	7	8	9	10	Ananya
9	4AI19IS005	ANKITH T J ✓	1	2	2	3	4	5	6	7	8	8	Ankith T.J
10	4AI19IS006	ANVITHA GOWDA ✓	1	2	3	4	5	6	7	8	9	10	Anvitha
11	4AI19IS007	B T NAMRATHIA URS	1	2	3	4	5	6	7	8	9	10	Bt Namrathia
12	4AI19IS008	BANUPRIYA S P ✓	1	2	3	4	5	6	7	8	9	10	Banupriya
13	4AI19IS009	CHALANA K R	1	2	3	4	5	6	7	8	9	10	Chalana
14	4AI19IS010	CHINMAY SRI MANJU U S	1	2	2	3	4	4	5	6	7	8	Chinmay
15	4AI19IS011	GNANAVI C J ✓	1	2	3	4	5	6	7	8	9	10	Gnanavi
16	4AI19IS012	H M VEDANTHA GOWDA	1	2	3	4	5	5	6	7	8	9	Vedantha
17	4AI19IS014	IBBANI A L	1	2	3	4	5	6	7	8	9	10	Ibbani

18	4A119IS015	JEEVITHA H S ✓	1	2	3	4	5	6	7	8	9	10	Jeevitha	
19	4A119IS016	KAVANA N C ✓	1	2	3	4	5	6	7	8	9	10	Kavana N.C.	
20	4A119IS017	KAVANA N V ✓	1	2	3	4	5	6	7	8	9	10	Kavana N.V.	
21	4A119IS018	KEERTHI K R ✓	1	2	3	4	5	6	7	8	9	10	Keerthi K.R.	
22	4A119IS019	KIRAN B U	1	2	3	4	5	6	7	8	9	10	Kiran B.U.	
23	4A119IS020	LIKHITHA S S	1	2	3	4	5	6	7	8	9	10	Likhitha S.S.	
24	4A119IS021	MALLESH S R	1	2	3	4	5	6	7	8	9	10	Mallesha S.R.	
25	4A119IS022	MALLIKA H S	1	2	3	4	5	6	7	8	9	10	Mallika H.S.	
26	4A119IS023	MAMATHA RAVI KUMAR ✓	1	2	3	4	5	6	7	8	9	10	Mamatha Ravi Kumar	
27	4A119IS024	MAMTA ONKARAMURTHY	1	2	3	4	5	6	7	8	9	10	Mamatha	
28	4A119IS025	MANOJ D D	1	2	3	3	4	5	6	7	8	9	10	Manoj D.D.
29	4A119IS026	MATHSA K	1	2	3	4	5	6	7	8	9	10	Mathsa K.	
30	4A119IS027	MEGHA H D ✓	1	2	3	4	5	6	7	8	9	10	Megha H.D.	
31	4A119IS028	MONISHA L H ✓	1	2	3	4	5	6	7	8	9	10	Monisha L.H.	
32	4A119IS029	NAYANA H R ✓	1	2	3	4	5	6	7	8	9	10	Nayana H.R.	
33	4A119IS030	NIDHA FALAK ✓	1	2	3	4	5	5	6	7	8	9	10	Nidha Falak
34	4A119IS031	NISHATH FATHIMA SYED ✓	1	2	3	4	5	6	7	8	9	10	Nishath Fathima Syed	
35	4A119IS032	NOOR US SABAH ✓	1	2	3	3	4	5	6	7	8	9	10	Noor Us Sabah
36	4A119IS033	PANCHAMI M R	1	2	3	4	5	6	7	8	9	10	Panchami M.R.	
37	4A119IS034	PRAPTHA M P	1	2	3	3	4	5	6	7	8	9	10	Praptha M.P.
38	4A119IS035	PRATHEEK GUJAR S N	1	2	2	3	4	5	6	7	8	9	10	Pratheek Gujar S.N.
39	4A119IS036	RAKESH J	1	2	3	4	5	6	7	7	8	9	10	Rakesh J.
40	4A119IS037	REETHU K ✓	1	2	3	4	5	6	7	8	9	10	Reethu K.	
41	4A119IS038	SADHANA I B ✓	1	2	3	4	5	6	7	8	9	10	Sadhana I.B.	
42	4A119IS039	SAMAY H U	1	1	2	3	4	5	5	6	7	8	10	Samay H.U.
43	4A119IS040	SAMEEKSH SRINIVAS ✓	1	2	3	4	5	6	7	8	9	10	Sameeksha Srinivas	
44	4A119IS041	SANJANA A ✓	1	2	3	4	5	6	7	8	9	10	Sanjana A.	
45	4A119IS042	SATIWIK B V	1	1	2	3	4	4	5	6	7	8	10	Satiwik B.V.

46	4A119IS043	SHARDDA GOWDA T M	✓	1	2	3	4	5	6	7	8	9	10	Shardda
47	4A119IS044	SHREEJA J	✓	1	2	3	4	5	6	7	8	9	10	Shreeja
48	4A119IS045	SHREYA U I	✓	1	2	3	4	5	6	7	8	9	10	Shreya UI
49	4A119IS046	SHRUNGA H R	✓	1	2	3	4	5	6	7	8	9	10	Shrungha HR
50	4A119IS047	SHUBHA H T	✓	1	2	3	4	5	6	7	8	9	10	Shubha HT
51	4A119IS048	SHWETHA H B	✓	1	2	3	4	5	6	7	8	9	10	Shwetha HB
52	4A119IS049	SINCHIANA P SHETTY	✓	1	2	3	4	5	6	7	8	9	10	Sinchiana P Shetty
53	4A119IS050	SINDHU K	✓	1	2	3	4	5	6	7	8	9	10	Sindhu K
54	4A119IS051	SNEHA P GOWDA	✓	1	1	2	3	4	5	6	6	7	8	Sneha P Gowda
55	4A119IS052	SOWJANYA N M	✓	1	2	3	4	5	6	7	8	9	10	Sowjanya N M
56	4A119IS053	SPANDANA C R	✓	1	2	3	4	5	6	7	8	9	10	Spandana C R
57	4A119IS054	SPANDANA K A	✓	1	2	3	4	5	6	7	8	9	10	Spandana K A
58	4A119IS055	SPOORTHI H C	✓	1	2	3	4	5	6	7	8	9	10	Spoorthi H C
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60	4A119IS057	VARSHITHA NAYAK R	✓	1	2	3	4	5	6	6	7	7	8	Varshitha Nayak R
61	4A119IS058	VENUGOPAL C K	✓	1	2	2	3	4	5	6	7	8	9	Venugopal C K
62	4A119IS059	VIDYA N G	✓	1	2	3	4	4	5	6	7	8	9	Vidya N G
63	4A119IS060	VIKAS S	✓	1	2	3	4	5	5	6	7	8	9	Vikas S
64	4A119IS061	VINAHA H V	✓	1	2	3	4	5	6	7	8	9	10	Vinaha H V
65	4A119IS062	YASHAS R NAVALE	Ab	1	1	2	2	3	4	5	6	6	7	Yashas R Navale
66	4A119IS063	YODHAN H J	✓	1	1	2	3	4	5	6	7	8	9	Yodhan H J
67	4A120IS400	AKHIL VASISTA D M	✓	1	2	3	3	4	4	5	6	7	8	Akhil Vasista D M
68	4A120IS401	PRITHVI RAJ A H	✓	1	2	3	4	5	5	6	6	7	8	Prithvi Raj A H

Ashwini Kamath
Course Instructor's Signature

[Signature]
HOD's Signature

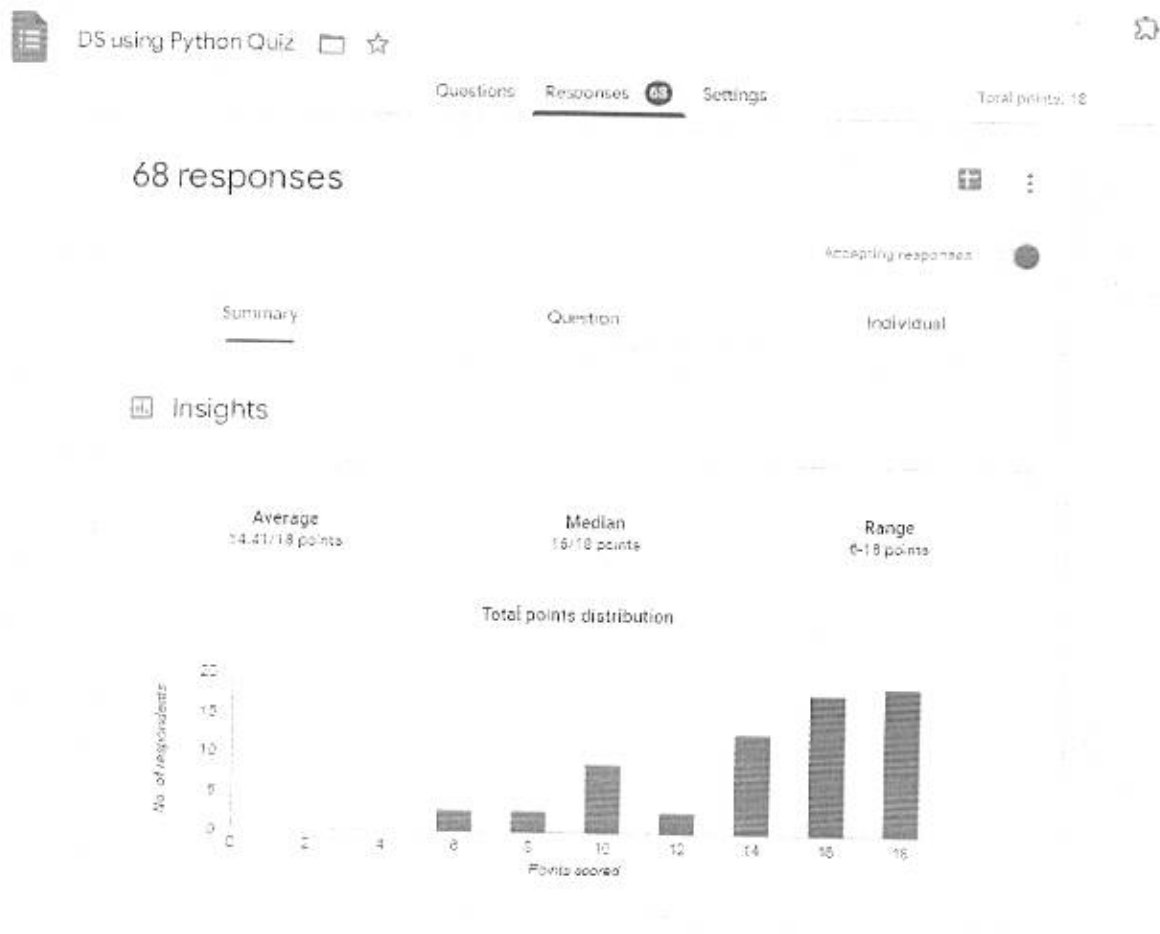
Professor & HOD
Department of Information Science & Engg.,
Adichunchanagiri Institute of Technology,
Chikmagalur - 577 192

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Assessment on Add-On Course
Data Structures using Python
21st to 25th March 2022

Sl.No.	Topic	Online Quiz-Google form link
1	DS using Python Quiz	https://forms.gle/tEUPHgwn2DW3Q5yd8

Screenshot of Student's Assessment in Google form



Ashwini Kamath

Signature of Course Instructor

Dr. S. Sampath

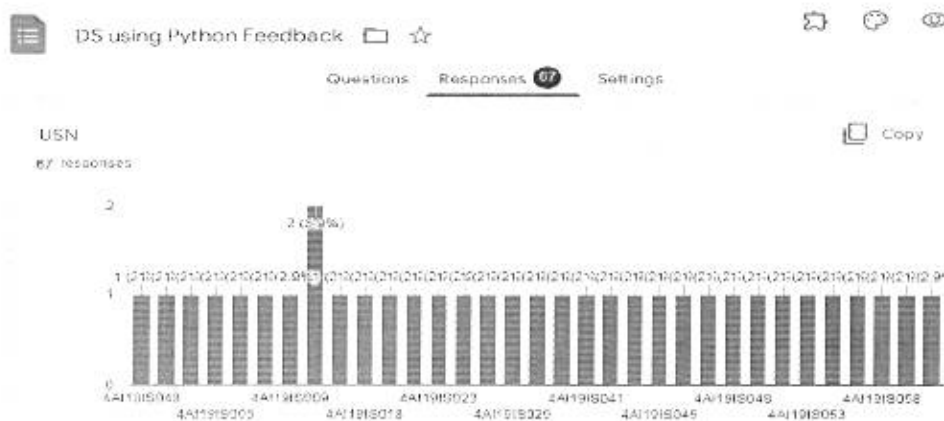
Signature of HOD-IS&E Dept.

**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING**

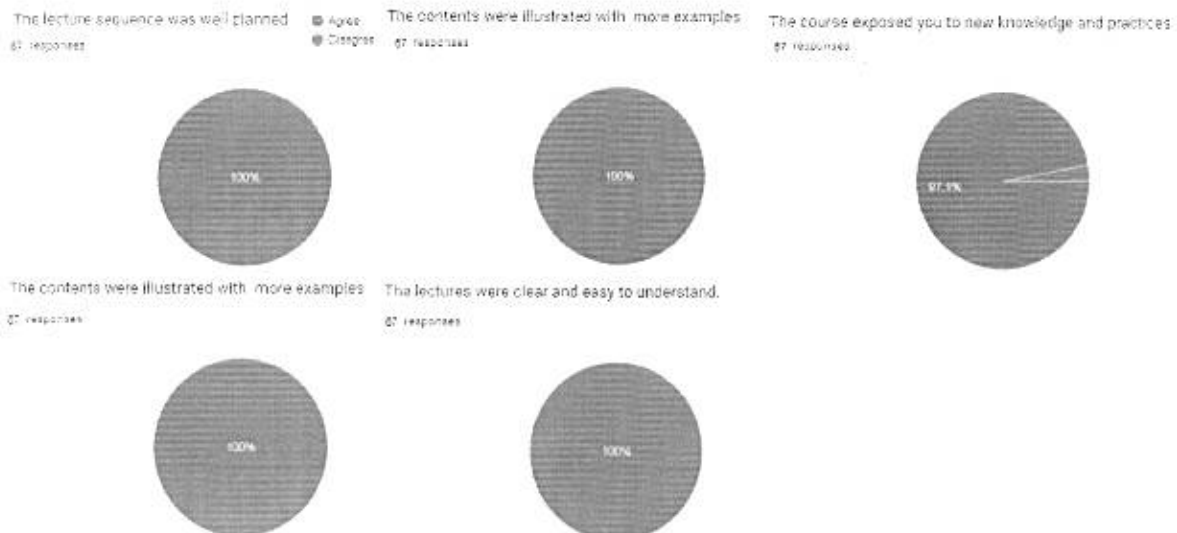
**Feedback on Add-On Course
Data Structures using Python
21st to 25th March 2022**

Sl.No.	Topic	Online Feedback-Google form link
1	DS using Python Feedback	https://forms.gle/ZkAJ2mu1QXFVerkH6

Screenshot of Student's Feedback in Google form



Feedback Questions and response graph



Ashwini Kamath

Signature of Course Instructor

Dr. S. Sampath

Signature of HOD-IS&E Dept.



|| Jai Sri Gurudev ||

Sri Adichunchanagiri Shikshana Trust(R)



ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

CHIKKAMAGALURU-577102



DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING



This is to certify that Mr/Ms Ananya M Urs has attended the five days Add-On Course on **“DATA STRUCTURES USING PYTHON”** held at Department of Information Science and Engineering, AIT, Chikkamagaluru, Karnataka, on 21st to 25th March 2022.

Mrs. Ashwini Kamath

Course Instructor, Assistant Professor

Dept of IS&E, AIT, Chikkamagaluru

Dr. S. Sampath

Professor and Head, Dept of IS&E

AIT, Chikkamagaluru

Dr. C. T. Jayadeva

Principal

AIT, Chikkamagaluru

**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU**

Department of Information Science & Engineering

Summary Report

The course “**Data Structures using Python**” was conducted at IS&E Dept for the pre-final year(6th semester) students from **21/03/2022 to 25/03/2022**.

During the course ,the students are able to understand the concepts of Data Structures using the programming language Python. They gained the knowledge of python in-built data structures such as arrays, lists, tuples, dictionaries, etc and some user defined data structures such as stacks, queues, linked lists, trees and graphs. Learnt various algorithms for traversing, searching and sorting with the help of the programs implemented using Python programming language and demonstrated using Spyder IDE.

Course Outcomes

1. Understand the concepts of python in-built data structures such as arrays, lists, tuples, dictionaries, etc.
2. Understand the concepts of user-defined data structures such as stacks, queues, linked lists, trees, graphs, etc .
3. Apply the algorithms for solving the problems like insertion, deletion, traversal, sorting and searching.


Instructor's Signature


HOD's Signature

Dr. S. SAMPATH
B.E.,M.Tech.,Ph.D.
Professor & HOD
Dept. of Information Science & Engg.
A.I.T., Chikkamagaluru - 577102.



Compssoft Technologies

Providing a Complete Suite of IT Solutions

Certificate ID - CSTFSWDAPR119

Date - 29/04/2022

Certificate of Internship


This is to certify that Ms Panchami M R (4A11915033) has done her Full Stack Web Development Internship in Compssoft Technologies, RajajiNagar, Bangalore, from 24th March 2022 to 29th April 2022.

She has worked on a project titled Quora for Engineering Queries- A stack overflow like platform for Students. This project was aimed at creating a cutting edge website for a client of ours, As part of the project, She designed functional webpages, Backend Databases to collect, store, and sort data, by understanding the design briefs and client Specifications that were provided in the Proposal.

During the internship, She demonstrated good design skills with a self-motivated attitude to learning new things. Her performance exceeded expectations and was able to complete the project successfully on time, We wish her all the best in her future endeavours.

Warm regards,

(Project Manager, CST)


Compssoft Technologies
No. 363, 19th main road,
1st Block Rajajinagar Bangalore- 560010


www.compssofttechnologies.com


services@compssofttechnologies.com

*Search Engine Optimisation

*Branding and Design

*Development

*Content Writing

*ML & Research

*Embedded Systems and IOT



Certificate no: UC-6060f546-1bd7d-4a13-89ba-ce13b7a944b0
Certificate url: [uds.my/UC-6060f546-1bd7d-4a13-89ba-ce13b7a944b0](https://www.udemy.com/certificate/UC-6060f546-1bd7d-4a13-89ba-ce13b7a944b0)
Reference Number: 0004

CERTIFICATE OF COMPLETION

Java Programming Masterclass covering Java 11 & Java 17

Instructors **Tim Buchalka, Tim Buchalka's Learn Programming Academy**

Anvitha Gowda

Date **May 10, 2022**

Length **80.5 total hours**

Certificate of COMPLETION

for

DATA SCIENCE & ANALYTICS USING PYTHON & R

awarded to

GNANAVI CJ



28/01/2022

Date

Signature
Head Operations

QL-DSDA-0412-2201-43

Registration Number



Available through Certiport



Certificate of Internship

This is to certify that

GNANAVI CJ

of **ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY**

Has successfully undergone a summer training & internship of 6 weeks on
DATA SCIENCE & ANALYTICS USING PYTHON & R

Along with project on
Heart Disease Prediction

From **04.12.2021** to **22.01.2022** with Knowledge Solutions India



Knowledge Solutions India
Skill development | Certification | Placement prep

Ref KSI-DSDA-0412-2201-43

Date of Issue
01/2/2022


Authorized Signatory
Kumar lala

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, Chikkmagalur
Department of Information Science & Engineering

Course Outcome for the Add-On Course/ Certificate Program
Conducted in Year 2021-22

<u>No</u>	<u>Type</u>	<u>Title</u>	<u>Course Outcome</u>
1	Certificate Program -1	Pragnyan by Zestech (4 th semester)	Students are able to solve the aptitude problems, logical thinking to solve puzzles, importance of public speaking using good grammar, Improving writing skills
2	Certificate Program -2	Pragnyan by Zestech (6 th semester)	Students are prepared for placement activities which involves Mock interview process, Group Discussion, Developing Technical Skills
3	Add-On Course -1	Natural Language Processing - Simplified	Students are able to understand the importance of Natural Language Processing (NLP) in the field of Artificial Intelligence .Know how to enable computers to understand and process human language .Learn the usage of NLTK for building NLP application
4	Add-On Course -2	Microprocessor X 86	Students gained the fundamental knowledge of Processors ,its architecture and assembly language coding to understand Microcontroller(ARM) better

5	Add-On Course -3	Data Structure using Python	Students are able to understand the concept of Data Structures, which is way of organizing data so that it can be accessed more efficiently depending upon the situation. Python helps to learn the fundamental of these data structures in a simpler way as compared to other programming languages
6	Certificate Program -3	Full Stack Development	Student enhanced technical skills in their interested platform
7	Certificate Program -4	Java programming Masterclass covering Java 11 and Java 17	Student enhanced technical skills in their interested programming language
8	Certificate Program -5	Data Science and Analytics using Python and R	Student enhanced technical skills in their interested domain


 HOD's Signature
Professor & HOD
 Department of Information Science & E-Cell
 Adichunchanagiri Institute of Technology
 Chikkamagaluru - 577 189.


Principal Signature
 Adichunchanagiri Institute of Technology
 Chikkamagaluru-577182

Add-on Course/ Certificate Program

Year 2020-2021

Index

Year 2020-21

<u>No</u>	<u>Type</u>	<u>Title</u>
1	Certificate Program	Python for Data Science

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CS80542000249

To
JAYALAKSHMI V R
SRI GOPALA KRISHNA NILAYA ,H H
ROAD,HOSADURGA
3RD MAIN RING ROAD,SAMBRANA
NILAYA,KRISHNA NAGAR,NEAR ROYAL APOLLO
SCHOOL,HASSAN
HOSADURGA
KARNATAKA - 577527
PH. NO :9189511837



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

JAYALAKSHMI V R

for successfully completing the course

Python for Data Science

with a consolidated score of **66** %

Online Assignments	20.83/25	Programming Exam	25/25	Proctored Exam	20/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: **2008**

Devendra Jaliha

Prof. Devendra Jaliha
Chairman
Centre for Continuing Education, IITM

Sep-Oct 2020
(4 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CS80542000249

To validate and check scores: <https://nptel.ac.in/noc>

Add-on Course/ Certificate Program

Year 2019-2020

Index

Year 2019-20

<u>No</u>	<u>Type</u>	<u>Title</u>
1	Add-On Course -1	Fundamentals of Web Design
2	Add-On Course -2	Introduction to Python Programming
3	Add-On Course -3	Hands on Mobile Application Development
4	Add-On Course -4	Hands on Training on Social Media Based Digital Marketing
5	Certificate Program	Cloud Computing and Distributed Systems
6	Certificate Program	Programming with python



|| Jai Sri Gurudev ||



**SRI ADICHUNCHANAGIRI SHIKSHANA TRUST ®
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU**

P.B No.91, Adichunchanagiri Extension, Chikkamagaluru-577 102, Karnataka, India.

Ref: AIT/IQAC/ISE/ 0045 /2019-20


Date: 12/01/2019

Circular

Department of Information Science & Engineering is conducting a Certificate Program (Add-on Program) on "**Fundamentals of Web Design**" from **21/01/2019** to **25/01/2019**. All other HOD's instruct the concern department students to attend the program. Following faculty member (Course instructor) is conducting a certificate program at IS&E Department.

Course Instructor
Mr. Rakesh S Raj
Assistant Professor
Dept. of ISE
AIT Chikmagalur


HOD's Signature


Principal Signature

Fundamentals of Web Design

Add on Course for IV Semester
B.E. Electrical & Electronics Engineering

Duration: 30 Hours

Syllabus

Module 1: Introduction to WEB

Basics of WWW, HTTP protocol, Client Server architecture, Introduction to web server installation and configuration

Module 2: Basics of HTML and CSS

Structure of HTML page, HTML tags for data formatting, tables, links, images, meta tags, frames, html form tags, media, APIs, HTML5 tags and validation. Need for CSS, Syntax and structure, CSS rules for Backgrounds, Colors and properties, Manipulating texts, Fonts, borders and boxes, Margins, Padding Lists, CSS Positioning. Animations, Tool-Tips, Style images, Variables, Media Queries, Wildcard Selectors (*, ^ and \$) in CSS, Pseudo Class, Pseudo elements, basic of frameworks like Bootstrap

Module 3: Client Side Scripting using JavaScript

Syntax of JavaScript, Execution of JavaScript, Internal, Embedded and External Javascript, JavaScript : variables, arrays, functions, conditions, loops, Pop up boxes, JavaScript objects and DOM, JavaScript inbuilt functions, JavaScript validations and Regular expressions, Event handling with JavaScript, Callbacks in Javascript, Function as arguments in JavaScript, Introduction to JSON

Reference:

1. "Programming the World Wide Web" by Robert W Sebesta, 4th edition
2. <https://www.w3schools.com/>


Instructor Signatures


HOD's Signature

Professor & HOD
Department of Information Science & Engg
Adichunchanagiri Institute of Technology
Chikdamagaluru - 577 102.



|| Jai Sri Gurudev ||



**SRI ADICHUNCHANAGIRI SHIKSHANA TRUST ®
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU**

P.B No.91, Adichunchanagiri Extension, Chikkamagaluru-577 102, Karnataka,India.

**Student Enrollment List
ADD-ON Course - Fundamentals of Web Design**

S.NO	USN	Student Name	Signature
1	4AI17EE001	AHMED AMEER N	Ahmed
2	4AI17EE002	ANANYA DIVAKAR H	Ananya
3	4AI17EE003	ANVITHA B M	Anvitha
4	4AI17EE004	ASHITHA V	Ashitha
5	4AI17EE005	BHANUPRIYA D	Bhanupriya
6	4AI17EE006	BHARATH M P	Bharath
7	4AI17EE007	BINDUSHREE T S	Bindu
8	4AI17EE008	CHAITHRA V	Chaitra
9	4AI17EE009	CHANDANA H S	Chandana
10	4AI17EE010	CHELANA D NIGALE	Chelana
11	4AI17EE011	CHEETHANA H K	Chethana H K
12	4AI17EE012	DEEKSHITH V	Deekshith H V
13	4AI17EE013	GANESH	Ganesh
14	4AI17EE015	GOUTHAM M S	Goutham
15	4AI17EE016	HARSHA S K	Harsha S K
16	4AI17EE017	HARSHITH K M	Harshith
17	4AI17EE018	ISMAIL ZABEELLA	Ismail
18	4AI17EE019	KAVANA H L	Kavana
19	4AI17EE020	KEERTHI PATEL G K	Keerthi Patel
20	4AI17EE022	MANOJ N NAIK	Manoj Naik
21	4AI17EE023	MEGHANA H	Meghana H
22	4AI17EE024	MEGHANA H V	Meghana H V
23	4AI17EE025	MOKSHA N	Moksha N
24	4AI17EE026	NISARGA M S	Nisarga H K
25	4AI17EE027	NIVEDITHA H K	Niveditha H K
26	4AI17EE028	PRIYANKA C J	Priyanka

27	4AI17EE029	PUNEETH V	Puneeth V.
28	4AI17EE030	SACHIN N	Sachin N.
29	4AI17EE031	SAMSKRUTHI H S	Samskruthi H.S.
30	4AI17EE032	SANGEETHA T R	Sangeetha T.P.
31	4AI17EE033	SANJAY V S	Sanjay V.S.
32	4AI17EE034	SHRUTHI A R	Shruthi A.P.
33	4AI17EE035	SINCHANA C	Sinchana C.
34	4AI17EE036	SONU L S	Sonu L.S.
35	4AI17EE037	SUMANTH GOWDA K H	Sumanth Gowda K.H.
36	4AI17EE038	SWATHI H N	Swathi H.N.
37	4AI17EE043	VATSALA K	Vatsala K.
38	4AI17EE044	VIDYA G K	Vidya G.K.
39	4AI17EE045	VINAYAKA B V M	Vinayaka B.V.M.
40	4AI18EE400	ABHISHEK B S	Abhishek B.S.
41	4AI17EE039	SYED YASSER AHMED	Syed Yasser
42	4AI17EE040	THRIVENI H S	Thriveni H.S.
43	4AI17EE041	THYAGARAJ S H	Thyagaraj S.H.
44	4AI17EE042	VARSHINI B M	Varshini B.M.
45	4AI18EE401	ABHISHEK B	Abhishek B.
46	4AI18EE402	ARCHANA C P	Archana C.P.
47	4AI18EE403	ARUNA K M	Aruna K.M.
48	4AI18EE404	BHARATH H	Bharath H.
49	4AI18EE405	DARSHAN B K	Darshan B.K.
50	4AI18EE406	GOUTHAM H S	Goutham H.S.
51	4AI18EE407	HARISH D	Harish D.
52	4AI18EE409	NASURUDEEN M A	Nasurudeen M.A.
53	4AI18EE410	NAVEEN A	Naveen A.
54	4AI18EE411	NUTHAN NAIK G S	Nuthan Naik G.S.
55	4AI18EE413	PREETHI B	Preethi B.
56	4AI18EE415	SANJAY M	Sanjay M.
57	4AI18EE418	UMESHA T	Umesh T.
58	4AI18EE420	VIDYA H C	Vidya H.C.

Course Instructor's Signature

HOD's Signature

Dr. S. SAMPATH
B.E., M.Tech., Ph.D.
Professor & HOD
Dept. of Information Science & Engg.
A.I.T., Chikkamagaluru - 577102.

DICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-577102
DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

ADD-ON Course – Fundamentals of Web Design

Attendance Report

Note :Session 1-9.30-12.30 Session 2-2.30-5.30

S.NO	USN	Student Name	21/01/2019		22/01/2019		23/01/2019		24/01/2019		25/01/2019		Signature
			Session-1	Session-2	Session-1	Session-2	Session-1	Session-2	Session-1	Session-2	Session-1	Session-2	
M 1	4AI17EE001	AHMED AMEER N	1	2	3	4	5	6	7	8	9	10	Ahmed
F 2	4AI17EE002	ANANYA DIVAKAR H	1	2	3	4	5	6	7	8	9	10	Ananya
F 3	4AI17EE003	ANVITHA B M	1	2	3	4	5	6	7	8	9	10	Anvitha
F 4	4AI17EE004	ASHITHA V	1	2	3	4	5	6	7	8	9	10	Ashitha
F 5	4AI17EE005	BHANUPRIYA D	1	1	1	2	3	4	5	6	7	8	Bhanupriya
M 6	4AI17EE006	BHARATH M P	1	2	2	3	4	5	6	7	8	9	Bharath
* 7	4AI17EE007	BINDUSHREE T S	1	2	3	4	5	6	7	8	9	10	Bindu
* 8	4AI17EE008	CHAITHRA V	1	2	3	4	5	6	7	8	9	10	Chaitra
* 9	4AI17EE009	CHANDANA H S	1	2	3	4	5	6	7	8	9	10	Chandana
* 10	4AI17EE010	CHETANA D NIGALE	1	2	3	4	5	6	7	8	9	10	Chetana
* 11	4AI17EE011	CHETHANA H K	1	2	3	4	5	6	7	8	9	10	Chethana
M 12	4AI17EE012	DEEKSHITH V	1	2	3	4	5	6	7	8	9	10	Deekshith
M 13	4AI17EE013	GANESH	1	2	3	4	5	6	7	8	9	10	Ganesh
M 14	4AI17EE015	GOUTHAM M S	1	2	3	4	5	6	7	8	9	10	Goutham

M15	4AI17EE016	HARSHA S K	1	2	3	4	5	6	7	8	9	10	Harsha S K
M16	4AI17EE017	HARSHITH K M	1	2	3	4	5	6	7	8	9	10	Harshith K M
M17	4AI17EE018	ISMAIL ZABEEDULLA	1	2	3	4	5	6	7	8	9	10	I Zabeedulla
* 18	4AI17EE019	KAVANA H L	1	2	3	4	5	6	7	8	9	10	Kavana H L
* 19	4AI17EE020	KEERTHI PATEL G K	1	2	3	4	5	6	7	8	9	10	Keerthi Patel G K
M20	4AI17EE022	MANOJ N NAIK	1	2	3	4	5	6	7	8	9	10	Manoj N Naik
* 21	4AI17EE023	MEGHANA H	1	2	3	4	5	6	7	8	9	10	Meghana H
* 22	4AI17EE024	MEGHANA H V	1	2	3	4	5	6	7	8	9	10	Meghana H V
* 23	4AI17EE025	MOKSHA N	1	2	3	4	5	6	7	8	9	10	Moksha N
* 24	4AI17EE026	NISARGA M S	1	2	3	4	5	6	7	8	9	10	Nisarga M S
* 25	4AI17EE027	NIVEDITHA H K	1	2	3	4	5	6	7	8	9	10	Niveditha H K
* 26	4AI17EE028	PRIYANKA C J	1	2	3	4	5	6	7	8	9	10	Priyanka C J
M27	4AI17EE029	PUNEETH V	1	2	3	4	5	6	7	8	9	10	Puneeth V
M28	4AI17EE030	SACHIN N	1	2	3	4	5	6	7	8	9	10	Sachin N
* 29	4AI17EE031	SAMSKRUTHI H S	1	2	3	4	5	6	7	8	9	10	Samskruthi H S
* 30	4AI17EE032	SANGEETHA T R	1	2	3	4	5	6	7	8	9	10	Sangeetha T R
M31	4AI17EE033	SANJAY V S	1	1	2	3	4	5	6	7	8	9	Sanjay V S
* 32	4AI17EE034	SHRUTHI A R	1	2	3	4	5	6	7	8	9	10	Shruthi A R
* 33	4AI17EE035	SINCHANA C	1	2	3	4	5	6	7	8	9	10	Sinchana C
* 34	4AI17EE036	SONU L S	1	2	3	4	5	6	7	8	9	10	Sonu L S
M35	4AI17EE037	SUMANTH GOWDA K H	1	2	3	4	5	6	7	8	9	10	Sumanth Gowda K H
* 36	4AI17EE038	SWATHI H N	1	2	3	4	5	6	7	8	9	10	Swathi H N
* 37	4AI17EE043	VATSALA K	1	2	3	4	5	6	7	8	9	10	Vatsala K
* 38	4AI17EE044	VIDYA G K	1	2	3	4	5	6	7	8	9	10	Vidya G K
M39	4AI17EE045	VINAYAKA B V M	1	2	3	4	5	6	7	8	9	10	Vinayaka B V M

→ F

BVM

M 40	4AI18EE400	ABHISHEK B S	1	2	3	4	5	6	7	8	9	10	Abhishek
M 41	4AI17EE039	SYED YASSER AHMED	1	2	3	4	5	6	7	8	9	10	Syed Yasser
M 42	4AI17EE040	THRIVENI H S	1	2	3	4	5	6	7	8	9	10	Triveni HS
M 43	4AI17EE041	THYAGARAJ S H	1	2	3	4	5	6	7	8	9	10	Thyagaraj SH
M 44	4AI17EE042	VARSHINI B M	1	2	3	4	5	6	7	8	9	10	Varshini BM
M 45	4AI18EE401	ABHISHEK B	1	2	3	4	5	6	7	8	9	10	Abhishek B
M 46	4AI18EE402	ARCHANA C P	1	2	3	4	5	6	7	8	9	10	Archana CP
M 47	4AI18EE403	ARUNA K M	1	2	3	4	5	6	7	8	9	10	Aruna KM
M 48	4AI18EE404	BHARATH H	1	2	3	4	5	6	7	8	9	10	Bharath H
M 49	4AI18EE405	DARSHAN B K	1	2	3	4	5	6	7	8	9	10	Darshan BK
M 50	4AI18EE406	GOUTHAM H S	1	2	3	4	5	6	7	8	9	10	Goutham HS
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M 52	4AI18EE409	NASURUDEEN M A	1	2	3	4	5	6	7	8	9	10	Nasurudeen MA
M 53	4AI18EE410	NAVEEN A	1	2	3	4	5	6	7	8	9	10	Naveen A
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M 55	4AI18EE413	PREETHI B	1	2	3	4	5	6	7	8	9	10	Preethi B
M 56	4AI18EE415	SANJAY M	1	2	3	4	5	6	7	8	9	10	Sanjay M
M 57	4AI18EE418	UMESHA T	1	2	3	4	5	6	7	8	9	10	Umesh T
M 58	4AI18EE420	VIDYA H C	1	2	3	4	5	6	7	8	9	10	Vidya HC

M
F

[Handwritten Signature]

Course Instructor's Signature

[Handwritten Signature]

HOD's Signature

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-577102
DEPARTMENT OF INFORMATION SCIENCE &
ENGINEERING

Feedback form for ADD-ON Course
Fundamentals of Web Design"

Instructor: Rakesh S Raj

Student Name: Ashitha V

USN: 4A17AE004

1. Content delivery

Excellent Good Fair Poor

2. Coverage of syllabus

Excellent Good Fair Poor

3. Time Management

Excellent Good Fair Poor

4. Knowledge of Instructor

Excellent Good Fair Poor

5. Overall Satisfaction

Excellent Good Fair Poor

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU-577102
DEPARTMENT OF INFORMATION SCIENCE &
ENGINEERING

Feedback form for ADD-ON Course
Fundamentals of Web Design"
Instructor: Rakesh S Raj

Student Name: Gowtham M.S

SN: 4A17EE015

1. Content delivery

Excellent Good Fair Poor

2. Coverage of syllabus

Excellent Good Fair Poor

3. Time Management

Excellent Good Fair Poor

4. Knowledge of Instructor

Excellent Good Fair Poor

5. Overall Satisfaction

Excellent Good Fair Poor

|| Jai Sri Gurudev ||

Fundamentals of Web Design

21th TO 25th January, 2019

Organized by

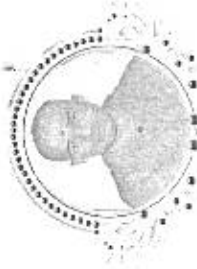
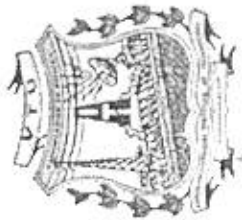
SRI ADICHUNCHANAGIRI SHIKSHANA TRUST(R)

Department of Information Science & Engineering

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

(Affiliated to VTU, Belagavi, Recognised by AICTE, New Delhi, Accredited by NAAC & NBA ISO 9001:2008 Certified)

Chikmagalur, Karnataka



Certificate of Participation

Goutham M S

This is to certify that *Mr./Ms.*

..... from Department of EEE, AIT, Chikkamagaluru

..... has completed the Addon Course entitled
"Fundamentals of Web Design" held from 21 January 2019 to 25 January 2019.

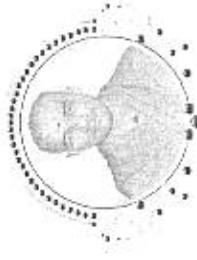
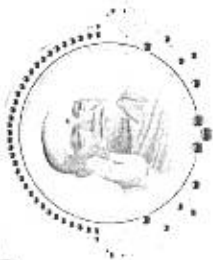
Rakesh S Raj
Course Coordinator

Dr. S Sampath
HOD, Dept. of ISE

|| Jai Sri Gurudev ||

Fundamentals of Web Design

21th TO 25th January, 2019



Organized by

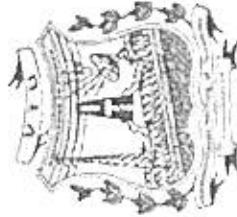
SRI ADICHUNCHANAGIRI SHIKSHANA TRUST(R)

Department of Information Science & Engineering

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

(Affiliated to VTU, Belagavi, Recognised by AICTE, New Delhi, Accredited by NAAC & NBA ISO 9001:2008 Certified)

Chikmagalur, Karnataka



Certificate of Participation

This is to certify that **Mr./Ms.**
Priyanka C.J

from Department of **EEE, AIT, Chikkamagaluru** has completed the Addon Course entitled
"Fundamentals of Web Design" held from 21 January 2019 to 25 January 2019.

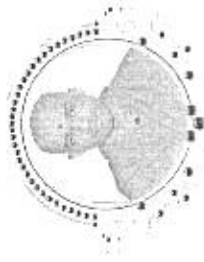
Rakesh S Raj
Course Coordinator

Dr. S Sampath
HOD, Dept. of ISE

|| Jai Sri Gurudev ||

Fundamentals of Web Design

21th TO 25th January, 2019



Organized by

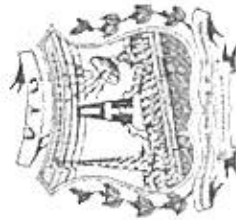
SRI ADICHUNCHANAGIRI SHIKSHANA TRUST(R)

Department of Information Science & Engineering

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

(Affiliated to VTU, Belagavi, Recognised by AICTE, New Delhi, Accredited by NAAC & NBA ISO 9001:2008 Certified)

Chikmagalur, Karnataka



Certificate of Participation

This is to certify that **Mr./Ms.**
Sinchana C

.....
from Department of EEE, AIT, Chikmagalur
.....has completed the Addon Course entitled
"Fundamentals of Web Design" held from 21 January 2019 to 25 January 2019.

Rakesh S Raj
Course Coordinator

Dr. S Sampath
HOD, Dept. of ISE

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY CHIKKAMAGALURU

Department of Information Science & Engineering

Summary Report on Add-on Course

Fundamentals of Web Design

The course "**Fundamentals of Web Design**" was conducted at EEE Dept for the final year students from 21/01/2019 to 25/01/2019.

During the course, the students are able to understand the fundamentals of web design concepts. The course ensure the students in learning web programming languages like HTML, CSS, JavaScript, PHP.

Course Outcomes

1. Students were able to undersand basic principals of web server, HTTP protocols and installation of web server
2. Students were able to undersand the creation of user interface like forms, tables, lists etc.
3. Students were able to undersand the basic principles of JavaScript.



Course Instructor's Signature



HOD's Signature

Dr. S. SAMPATH
B.E., M.Tech., Ph.D.
Professor & HOD
Dept. of Information Science & Engg.
A.I.T., Chikkamagaluru - 577102.



|| Jai Sri Gurudev ||



**SRI ADICHUNCHANAGIRI SHIKSHANA TRUST ®
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU**

P.B No.91, Adichunchanagiri Extension, Chikkamagaluru-577 102, Karnataka, India.

Ref: AIT/IQAC/ ISE/ 0581 / 2019-2020

Date: 20/07/2019

Circular

Department of Information Science & Engineering is conducting a Certificate Program (Add-on Program) on "*Introduction to Python Programming*" from 22/07/2019- 26/07/2019. All other HOD's instruct the students to attend the program. Following faculty member is conducting a certificate program at IS&E Department.

Course Instructor

Mrs. Anjali B.V

Assistant Professor
Dept. of ISE
AIT, Chikkmagalur

HOD's Signature
Professor & HOD

Department of Information Science & Engg.,
Adichunchanagiri Institute of Technology,
Chikkamagaluru - 577 102.

Principal Signature

Dr. C. T. JAYADEVA

Principal B.E., M.Tech., Ph.D.
Adichunchanagiri Institute of Technology
CHIKKAMAGALURU-577102

Add-On course -for 7th Semester

Introduction to Python Programming

Duration: 22nd July - 26th July 2019 (30 hours)

Syllabus:

Module 1:

Why should you learn to write programs, Variables, expressions and statements, Conditional execution, Functions

Module 2:

Iteration, Strings, Files

Module 3:

Lists, Dictionaries, Tuples, Regular Expressions

Course Outcomes

- Examine Python syntax and semantics and be fluent in the use of Python flow control and functions.
- Demonstrate proficiency in handling Strings and File Systems.
- Create, run and manipulate Python Programs using core data structures like Lists, Dictionaries and use Regular Expressions.

Text Books:


1. Charles R. Severance, "Python for Everybody: Exploring Data Using Python 3", 1st Edition, CreateSpace Independent Publishing Platform, 2016.
2. Allen B. Downey, "Think Python: How to Think Like a Computer Scientist", 2nd Edition, Green Tea Press, 2015.

Websites:

http://do1.drchuck.com/pythonlearn/EN_us/pythonlearn.pdf

<http://greenteapress.com/thinkpython2/thinkpython2.pdf>


Instructor's Signature


HOD's Signature
Professor & HOD
Department of Information Science & Engg.
Adichunchanagiri Institute of Technology,
Chikkamagaluru - 577 102



|| Jai Sri Gurudev ||

**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKMAGALURU**

**Department of Information Science & Engineering
List of Students enrolled for**

**Add-On Course "Introduction to Python Programming"
From 22ND 26TH July 2019 at IS & E Department**

Sl.No.	USN	Name of the Candidates	Signature
1	4AI14IS018	LEKHASHREE R	
2	4AI15IS037	RASHMI T N	
3	4AI15IS039	SACHIN GOWDA B S	
4	4AI15IS040	SAMA JABEEN	
5	4AI15IS045	SHASHANK B S	
6	4AI15IS046	SHASHANK H S	
7	4AI15IS050	SINCHANA S	
8	4AI16IS001	ABHINANDAN R	
9	4AI16IS002	ADITHYA B S	
10	4AI16IS003	AKANKSHA K V	
11	4AI16IS004	AKHILA U	
12	4AI16IS005	AKSHATA ERAPPA NAIK	
13	4AI16IS007	ANUSHREE M K	
14	4AI16IS008	ARPITHA B S	
15	4AI16IS009	ARPITHA C	
16	4AI16IS010	BHOOMIKA B G	
17	4AI16IS011	BHUMIKA Y	
18			

44	4AI16IS041	RASHTRIYA H G	Rashtriya
45	4AI16IS042	RAYIYA MD RAFIQUE	Raaya
46	4AI16IS043	ROOPINI H H	Roopini
47	4AI16IS044	S NEHA	Neha
48	4AI16IS045	SAHANA B R	Sahana
49	4AI16IS046	SANJANA R	Sanjana
50	4AI16IS047	SHASHANK H V	Shashank
51	4AI16IS049	SHREERAMYA B S	Shreerama
52	4AI16IS050	SHREYA B J	Shreya
53	4AI16IS052	SUMANTH K S	Sumanth
54	4AI16IS055	SUSHMA G P	Sushma G.P.
55	4AI16IS057	SWASTHISHREE D M	Swasthi
56	4AI16IS058	SWATHI P RAO	Swathi Rao
57	4AI16IS059	T K VARSHITHA	Varshitha
58	4AI16IS061	VARSHA Y	Varsha
59	4AI16IS062	VIKAS V	Vikas
60	4AI16IS063	AKSHARA PATEL M	Akshara
61	4AI16IS064	SAHANA B C	Sahana
62	4AI16IS065	AISHWARYA S J	Aishwarya
63	4AI16IS066	VARSHA G S	Varsha G.S.
64	4AI16IS067	BHUMIKA B	Bhumika
65	4AI16IS068	CETHANA V B	Chethana

Anjali

Anjali.BV
Course Instructor

Sampath

Dr. S.Sampath
HOD -IS&E Dept ,AIT

Dr. S. SAMPATH
B.E.,M.Tech.,Ph.D.
Professor & HOD
Dept. of Information Science & Engg.
A.I.T., Chikkamagaluru - 577102.

17	4AI16IS011	BHUMIKA Y	P	P	P	P	A	P	P	P	P	P	P	Bhumika
18	4AI16IS012	CHANDANA C D	A	P	P	P	P	P	P	P	P	P	P	chandana
19	4AI16IS013	CHANDANA M B	P	P	P	P	P	P	P	P	P	P	P	Spa
20	4AI16IS015	CHINMAYI B A	P	P	P	P	P	A	P	P	P	P	P	Chinmayi
21	4AI16IS016	D H ISIRI	P	P	A	P	P	P	P	P	P	P	P	dhisi
22	4AI16IS017	DECHAMMA A K	P	P	P	P	P	P	P	P	P	P	A	Dechamma
23	4AI16IS018	DHANYASHREE K Y	P	P	P	P	P	P	P	P	P	P	P	Dhanyashree
24	4AI16IS019	DISHA B	P	P	P	P	P	P	A	P	P	P	P	Disha
25	4AI16IS020	DIVYA D	P	P	P	P	P	P	P	P	P	P	P	Divya
26	4AI16IS021	DIVYARANI D	P	P	P	A	P	P	P	P	P	P	P	Divya
27	4AI16IS022	DIVYASHREE K L	P	P	P	P	P	P	P	P	P	A	P	Divya
28	4AI16IS023	KRUTHIKA S GOWDA	P	P	P	P	P	P	P	A	P	P	P	Kruthika
29	4AI16IS024	LINSTON JOYAL D	P	P	P	P	P	P	P	P	P	P	P	Linston
30	4AI16IS025	MANASA L T	P	P	P	P	P	P	P	P	P	P	P	Manasa
31	4AI16IS026	MANJUNATH A K	P	P	P	P	P	P	P	P	P	P	P	Manjunath
32	4AI16IS027	MANOJ H R	P	P	P	P	P	P	P	P	P	P	P	Manoj
33	4AI16IS028	MONISHA S M	P	P	P	P	A	P	P	P	P	P	P	Monisha
34	4AI16IS030	NAGASHREE S NAIK	P	P	P	P	P	P	P	P	P	P	P	Naga
35	4AI16IS032	NEHA Y KUMAR	P	P	P	P	P	A	A	P	P	P	P	Neha
36	4AI16IS033	NISCHITHA C N	P	P	P	P	P	P	P	P	P	P	P	Nishitha
37	4AI16IS034	NISHATH FATHIMA	P	P	P	P	P	P	P	A	A	P	P	Nishath
38	4AI16IS035	NITHIN S NAYAK G	P	P	P	P	P	P	P	P	P	P	P	Nithin
39	4AI16IS036	PAVANA C N	P	P	P	A	P	P	P	P	P	P	P	Pavana
40	4AI16IS037	POOJA P	P	P	P	P	P	P	P	P	P	A	P	Pooja
41	4AI16IS038	RACHANA H S	P	P	P	P	P	P	P	P	P	P	P	Rachana
42	4AI16IS039	RACHANA L R	P	A	P	P	P	P	P	P	A	P	P	Rachana

43	4AI16IS040	RAKESH B N	A	A	P	P	P	P	P	P	P	P	P	Rakesh
44	4AI16IS041	RASHTRIYA H G	A	P	P	P	P	P	P	P	P	P	P	Rashtriya
45	4AI16IS042	RAYIYA MD RAFIQUE	P	P	P	P	P	P	P	P	P	P	P	Rafique
46	4AI16IS043	ROOPINI H H	P	P	P	P	P	P	P	P	P	P	P	Roopini
47	4AI16IS044	S NEHA	P	P	P	P	P	P	P	P	P	P	P	Neha
48	4AI16IS045	SAHANA B R	A	P	P	P	P	P	P	P	P	P	P	Sahana
49	4AI16IS046	SANJANA R	P	P	P	P	P	P	P	P	P	P	P	Sanjana
50	4AI16IS047	SHASHANK H V	P	P	P	P	P	P	P	P	P	P	A	Shashank
51	4AI16IS049	SHREERAMYA B S	P	P	P	P	P	P	P	P	P	P	A	Shreeramy
52	4AI16IS050	SHREYA B J	P	P	A	P	P	P	P	P	P	P	P	Shreya
53	4AI16IS052	SUMANTH K S	P	P	P	P	P	P	P	A	P	P	P	Sumanth
54	4AI16IS055	SUSHMA G P	P	P	P	P	P	P	P	P	P	P	P	Sushma
55	4AI16IS057	SWASTHISHREE D M	P	P	P	A	P	P	P	P	P	P	P	Swasthi
56	4AI16IS058	SWATHI P RAO	P	P	P	P	P	P	P	P	P	P	P	Swathi
57	4AI16IS059	T K VARSHITHA	P	P	P	P	P	P	P	P	P	P	P	Varshitha
58	4AI16IS061	VARSHA Y	P	P	P	P	A	P	P	P	P	P	P	Varsha
59	4AI16IS062	VIKAS V	P	P	P	P	P	P	P	P	P	P	P	Vikas
60	4AI16IS063	AKSHARA PATEL M	P	P	P	P	P	P	P	P	P	P	P	Akshara
61	4AI16IS064	SAHANA B C	P	P	P	P	P	P	P	P	P	P	P	Sahana
62	4AI16IS065	AISHWARYA S J	P	P	P	A	P	P	P	P	P	P	P	Aishwarya
63	4AI16IS066	VARSHA G S	P	A	P	P	P	P	P	P	P	P	P	Varsha
64	4AI16IS067	BHUMIKA B	P	P	P	P	P	A	P	P	P	P	P	Bhumika
65	4AI16IS068	CHETHANA V B	P	P	P	P	P	P	P	A	P	P	P	Chethana

Anjali 26/7/2019
Course Instructor's Signature


HOD's Signature
Professor & HOD
26/7/19
Department of Information Science & Engg.,
Adichunchanagiri Institute of Technology,
Chikkamagaluru - 577 102.



|| Jai Sri Gurudev ||
Sri Adichunchanagiri Shikshana Trust(R)



ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-577102
DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING



Certificate of Participation

This is to certify that Mr/Ms.....**Akhila.U**.....

Has attended the five days “**Introduction to Python Programming**” held at Department of Information Science and Engineering, AIT, Chikkamagaluru, Karnataka, on 22nd - 26th July 2019.

Mrs. Anjali B.V
Course Instructor, Assistant Professor
Dept of IS&E, AIT, Chikkamagaluru

Dr. S. Sampath
HOD, Dept of IS&E
AIT, Chikkamagaluru

Dr. C. T. Jayadeva
Principal
AIT, Chikkamagaluru



|| Jai Sri Gurudev ||
Sri Adichunchanagiri Shikshana Trust(R)



ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-577102
DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING



Certificate of Participation

This is to certify that Mr/Ms.....**Rachana H.S**.....

Has attended the five days "**Introduction to Python Programming**" held at Department of Information Science and Engineering, AIT, Chikkamagaluru, Karnataka, on 22nd - 26th July 2019.

Mrs. Anjali B.V
Course Instructor, Assistant Professor
Dept of IS&E, AIT, Chikkamagaluru

Dr.S.Sampath
HOD, Dept of IS&E
AIT, Chikkamagaluru

Dr.C.T.Jayadeva
Principal
AIT, Chikkamagaluru

**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU**

Department of Information Science & Engineering

Summary Report

**The course “Introduction to Python Programming” was conducted at
IS & E Dept for the final students from 22/07/2019 – 27/07/2019.**

During the course ,the students are able to understand the importance of Python Programming Language currently used extensively in developing websites and software, task automation, data analysis, data visualization and Machine Learning. Students are taught the syntax and semantics and create Functions in python. Understood the ways to handle Files(Open, Close, read and Write) . Understood the concepts of data type : String, lists, tuple, Dictionary , Sets. The students were able to follow the use of Regular expressions which are particularly useful for defining filters , how to build a series of characters that define a pattern of text to be matched—to make a filter more specialized, or general.

Course Outcomes

- Examine Python syntax and semantics and be fluent in the use of Python flow control and functions.
- Demonstrate proficiency in handling Strings and File Systems.
- Create, run and manipulate Python Programs using core data structures like Lists, Dictionaries and use Regular Expressions.



Instructor's Signature



HOD's Signature

Dr. S. SAMPATH
B.E.,M.Tech.,Ph.D.
Professor & HOD
Dept. of Information Science & Engg.
A.I.T., Chikkamagaluru - 577102.



|| Jai Sri Gurudev ||



SRI ADICHUNCHANAGIRI SHIKSHANA TRUST ®
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU

P.B No.91, Adichunchanagiri Extension, Chikkamagaluru-577 102, Karnataka ,India.

Ref: AIT/IQAC/ISE/ 0051 /2019-20

Date:01/07/2019


Circular

Department of Information Science & Engineering is conducting a Certificate Program (Add-on Program) on "**Hands on Mobile Application Development**" from **15/07/2019** to **19/07/2019**. All other HOD's instruct the concern department students to attend the program. Following faculty member (Course instructor) is conducting a certificate program at IS&E Department.

Course Instructor
Mr. Suman M H
Assistant Professor
Dept. of ISE
AIT Chikmagalur


HOD's Signature

01/07/2019


Principal Signature



|| Jai Sri Gurudev ||



**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKMAGALURU**

Department of Electrical Electronics & Engineering

List of Students enrolled for
Add-On Course "Hands on Mobile Application Development"
From 15/07/2019 to 19/07/2019 at IS &E Department

Sl.No.	USN	Name of the Candidates	Signature
1	4AI17EE001	AHMED AMEER N	Ahmed
2	4AI17EE002	ANANYA DIVAKAR H	Ananya
3	4AI17EE003	ANVITHA B M	Anvitha
4	4AI17EE004	ASHITHA V	Ashitha
5	4AI17EE005	BHANUPRIYA D	Bhanupriya
6	4AI17EE006	BHARATH M P	Bharath
7	4AI17EE007	BINDUSHREE T S	Bindushree
8	4AI17EE008	CHAITHRA V	Chaithra
9	4AI17EE009	CHANDANA H S	Chandana
10	4AI17EE010	CHETANA D NIGALE	Chetana
11	4AI17EE011	CHIETHANA H K	Chiethana
12	4AI17EE012	DEEKSHITH V	Deekshitha
13	4AI17EE013	GANESH	Ganesh
14	4AI17EE015	GOUTHAM M S	Goutham
15	4AI17EE016	HARSHA S K	Harsha
16	4AI17EE017	HARSHITH K M	Harshitha
17	4AI17EE018	ISMAIL ZABEEL A	Ismail
18	4AI17EE019	KAVANA H L	Kavana
19	4AI17EE020	KEERTHI PATEL G K	Keerthi
20	4AI17EE022	MANOJ N NAIK	Manoj
21	4AI17EE023	MEGHANA H	Meghana
22	4AI17EE024	MEGHANA H V	Meghana
23	4AI17EE025	MOKSHA N	Moksha
24	4AI17EE026	NISARGA M S	Nisarga
25	4AI17EE027	NIVEDITHA H K	Niveditha
26	4AI17EE028	PRIYANKA C J	Priyanka
27	4AI17EE029	PUNEETH V	Puneetha
28	4AI17EE030	SACHIN N	Sachin
29	4AI17EE031	SAMSKRUTHI H S	Samskruthi
30	4AI17EE032	SANGEETHA T R	Sangeetha
31	4AI17EE033	SANJAY V S	Sanjay
32	4AI17EE034	SHRUTHI A R	Shruthi

33	4AI17EE035	SINCHANA C	Sinchana C
34	4AI17EE036	SONU L S	Sonu L S
35	4AI17EE037	SUMANTH GOWDA K H	Sumanth G. K.
36	4AI17EE038	SWATHI H N	Swathi H. N.
37	4AI17EE043	VATSALA K	Vatsala K
38	4AI17EE044	VIDYA G K	Vidya G. K.
39	4AI17EE045	VINAYAKA B V M	Vinayaka B. V. M.
40	4AI17EE046	HARSHA S K	Harsha S. K.
41	4AI17EE047	HARSHITH K M	Harshith K. M.
42	4AI17EE048	ISMAIL ZABEULLA	Ismail Zabeulla
43	4AI17EE049	KAVANA H L	Kavana H. L.
44	4AI17EE050	KEERTHI PATEL G K	Keerthi Patel G. K.
45	4AI17EE052	MANOJ N NAIK	Manoj N. Naik
46	4AI17EE053	MEGHANA H	Meghana H.
47	4AI17EE054	MEGHANA H V	Meghana H. V.
48	4AI17EE055	MOKSHA N	Moksha N.
49	4AI17EE056	NISARGA M S	Nisarga M. S.
50	4AI17EE057	NIVEDITHA H K	Niveditha H. K.
51	4AI17EE058	PRIYANKA C J	Priyanka C. J.
52	4AI17EE059	PUNEETH V	Puneeth V.
53	4AI17EE410	NAVEEN A	Naveen A.
54	4AI17EE0400	SAMSKRUTHI H S	Samskruthi H. S.
55	4AI17EE413	PREETHI B	Preethi B.
56	4AI17EE415	SANJAY M	Sanjay M.
57	4AI17EE418	UMESHA T	Umesh T.
58	4AI18EE420	VIDYA H C	Vidya H. C.



Signature of Course Co-ordinator



Signature of HOD -IS&E Dept

Hands on Mobile Application Development
Add on Course for V Semester
B.E. Electrical & Electronics Engineering

Duration:30 Hours

Syllabus

1. Create an application to design a Visiting Card. The Visiting card should have a company logo at the top right corner. The company name should be displayed in Capital letters, aligned to the centre. Information like the name of the employee, job title, phone number, address, email, fax and the website address is to be displayed. Insert a horizontal line between the job title and the phone number.
2. Develop an Android application using controls like Button, TextView, EditText for designing a calculator having basic functionality like Addition, Subtraction, Multiplication, and Division
3. Create a SIGN Up activity with Username and Password. Validation of password should happen based on the following rules: a. Password should contain uppercase and lowercase letters. b. Password should contain letters and numbers. c. Password should contain special characters. d. Minimum length of the password (the default value is 8).
Mobile Application Development Department of Information Science & Engineering, Atria Institute of Technology 2 On successful SIGN UP proceed to the next Login activity. Here the user should SIGN IN using the Username and Password created during signup activity. If the Username and Password are matched then navigate to the next activity which displays a message saying "Successful Login" or else display a toast message saying "Login Failed". The user is given only two attempts and after that display a toast message saying "Failed Login Attempts" and disable the SIGN IN button. Use Bundle to transfer information from one activity to another.
4. Develop an application to set an image as wallpaper. On click of a button, the wallpaper image should start to change randomly every 30 seconds
5. Write a program to create an activity with two buttons START and STOP. On pressing of the START button, the activity must start the counter by displaying the numbers from One and the counter must keep on counting until the STOP button is pressed. Display the counter value in a TextView control
6. Create an activity like a phone dialer with CALL and SAVE buttons. On pressing the CALL button, it must call the phone number and on pressing the SAVE button it must save the number to the phone contacts.

References:

1. J F DiMarzio, "Beginning Android Programming with Android Studio", 4th Edition, Wiley India Pvt Ltd, 2016. ISBN-13: 978-8126565580

AI CHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-577102
DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

ADD-ON Course – Hands on Mobile Application Development

Attendance Report

Note :Session 1-9.30-12.30 Session 2-2.30-5.30

S.NO	USN	Student Name	15/07/2019		16/07/2019		17/07/2019		18/07/2019		19/07/2019		Signature
			Session-1	Session-2	Session-1	Session-2	Session-1	Session-2	Session-1	Session-2	Session-1	Session-2	
1	4AI17EE001	AHMED AMEER N	1	2	3	4	5	6	7	7	8	9	Ahmed
2	4AI17EE002	ANANYA DIVAKAR H	1	2	3	4	5	6	7	8	9	10	Ananya
3	4AI17EE003	ANVITHA B M	1	2	3	4	5	6	7	7	7	8	Anvitha
4	4AI17EE004	ASHITHA V	1	2	3	4	5	6	7	8	9	10	Ashitha
5	4AI17EE005	BHANUPRIYA D	1	2	3	4	5	6	7	8	9	9	Bhanupriya
6	4AI17EE006	BHARATH M P	1	2	3	4	4	5	6	6	7	8	Bharath
7	4AI17EE007	BINDUSHREE T S	0	1	2	3	4	5	6	6	7	8	Bindu
8	4AI17EE008	CHAITHRA V	1	2	3	4	5	6	7	8	9	10	Chaithra
9	4AI17EE009	CHANDANA H S	1	2	2	3	4	5	6	7	8	9	Chandana
10	4AI17EE010	CHETANA D NIGALE	1	2	3	4	5	6	7	8	8	9	Chetana
11	4AI17EE011	CHETHANA H K	1	2	3	4	5	6	7	7	8	9	Chethana H.K.
12	4AI17EE012	DEEKSHITH V	1	2	3	4	5	6	7	8	9	10	Deekshith
13	4AI17EE013	GANESH	1	2	3	4	5	6	7	8	9	10	Ganesh
14	4AI17EE015	GOUTHAM M S	1	2	3	4	5	6	7	8	9	10	Goutham

40	4AI18EE400	ABHISHEK B S	1	2	3	3	4	5	6	7	8	9	Abhishek	
41	4AI17EE043	VATSALA K	1	2	3	4	5	6	7	8	9	10	Vatsala	
42	4AI17FE044	VIDYA G K	1	2	3	4	5	6	7	8	8	9	Vidya	
43	4AI17FE045	VINAYAKA B V M	1	2	3	4	5	6	7	8	9	10	Vinayaka	
44	4AI18EE400	ABHISHEK B S	1	2	3	4	5	6	7	7	8	9	Abhishek	
45	4AI18EE401	ABHISHEK B	0	1	2	3	4	5	6	7	7	8	9	Abhishek
46	4AI18EE402	ARCHANA C P	1	2	3	4	5	6	7	7	8	9	Archana	
47	4AI18EE403	ARUNA K M	1	2	3	4	5	6	7	8	9	10	Aruna	
48	4AI18EE404	BHARATH H	1	2	3	4	5	6	7	8	9	10	Bharath	
49	4AI18EE405	DARSHAN B K	1	2	3	4	5	6	7	8	8	9	Darshan	
50	4AI18EE406	GOUTHAM H S	1	2	3	4	5	6	7	8	9	10	Goutham	
51	4AI18EE407	HARISH D	1	2	3	4	5	6	7	8	9	10	Harish	
52	4AI18EE409	NASURUDEEN M A	1	1	2	3	4	5	6	7	8	9	10	Nasurudeen
53	4AI18EE410	NAVEEN A	0	1	2	3	4	5	6	7	8	9	Naveen	
54	4AI18EE411	NUTHAN NAIK G S	1	2	3	4	5	6	7	8	9	8	Nathan	
55	4AI18EE413	PREETHI B	1	2	3	4	5	6	7	8	9	10	Preethi	
56	4AI18EE415	SANJAY M	1	2	3	4	5	6	7	8	9	10	Sanjay	
57	4AI18EE418	UMESHA T	1	2	3	4	5	6	7	8	9	10	Umesha	
58	4AI18EE420	VIDYA H C	1	1	2	3	4	5	6	7	8	9	10	Vidya

Burman

Course Instructor's Signature

9

HOD's Signature

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU-577102
DEPARTMENT OF INFORMATION SCIENCE &
ENGINEERING

Feedback form for ADD-ON Course
"Hands on Mobile Application Development"
Instructor: Suman M H

Student Name: *Sinchana C*
USN: *4AI17KE036*

1. Content delivery

Excellent Good Fair Poor

2. Coverage of syllabus

Excellent Good Fair Poor

3. Time Management

Excellent Good Fair Poor

4. Knowledge of Instructor

Excellent Good Fair Poor

5. Overall Satisfaction

Excellent Good Fair Poor

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU-577102
DEPARTMENT OF INFORMATION SCIENCE &
ENGINEERING

Feedback form for ADD-ON Course
"Hands on Mobile Application Development"
Instructor: Suman M H

Student Name: *Sumanth Gowda KH*
USN: *4AI17KE037*

1. Content delivery

Excellent Good Fair Poor

2. Coverage of syllabus

Excellent Good Fair Poor

3. Time Management

Excellent Good Fair Poor

4. Knowledge of Instructor

Excellent Good Fair Poor

5. Overall Satisfaction

Excellent Good Fair Poor

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU-577102
DEPARTMENT OF INFORMATION SCIENCE &
ENGINEERING

Feedback form for ADD-ON Course
"Hands on Mobile Application Development"
Instructor: Suman M H

Student Name: *Vidya H-C*
USN: *4AI18KE420*

1. Content delivery

Excellent Good Fair Poor

2. Coverage of syllabus

Excellent Good Fair Poor

3. Time Management

Excellent Good Fair Poor

4. Knowledge of Instructor

Excellent Good Fair Poor

5. Overall Satisfaction

Excellent Good Fair Poor



|| Jai Sri Gurudev ||
Sri Adichunchanagiri Shikshana Trust(R)



ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-577102
DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING



Certificate of Participation

This is to certify that Mr/Ms..... Anvitha B M

has attended the five days “**Hands on Mobile Application development**” held at Department of Information Science and Engineering, AIT, Chikkamagaluru, Karnataka, on 15th to 19th July 2019.

Mr. Suman M H
Course Instructor, Assistant Professor
Dept of IS&E, AIT, Chikkamagaluru

Dr. S. Sampath
Professor and Head, Dept of IS&E
AIT, Chikkamagaluru

Dr. C. T. Jayadeva
Principal
AIT, Chikkamagaluru



|| Jai Sri Gurudev ||
Sri Adichunchanagiri Shikshana Trust(R)



ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-577102
DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING



Certificate of Participation

This is to certify that Mr/Ms..... Naveen A

has attended the five days "**Hands on Mobile Application development**" held at Department of Information Science and Engineering, AIT, Chikkamagaluru, Karnataka, on 15th to 19th July 2019.

Mr. Suman M H
Course Instructor, Assistant Professor
Dept of IS&E, AIT, Chikkamagaluru

Dr. S. Sampath
Professor and Head, Dept of IS&E
AIT, Chikkamagaluru

Dr. C. T. Jayadeva
Principal
AIT, Chikkamagaluru

Summary Report

The course “**Hands on Mobile Application Development**” was conducted at EEE Dept for the final year students from **15/07/2019 to 19/07/2019**.

During the course, the students are able to understand the importance of Mobile Application Development to learn and acquire the art of Android Programming. Also configure Android Studio to run the applications and to create, modify and query SQLite database. Students should know how to use Android studio to execute the programs.

Course Outcomes

1. Create, test and debug Android application by setting up Android development environment.
2. Infer long running tasks and background work in Android applications.
3. Demonstrate methods in storing, sharing and retrieving data in Android applications.
4. Infer the role of permission and security for Android applications.



Course Instructor's Signature



HOD's Signature



|| Jai Sri Gurudev ||



**SRI ADICHUNCHANAGIRI SHIKSHANA TRUST ®
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU**

P.B No.91, Adichunchanagiri Extension, Chikkamagaluru-577 102, Karnataka, India.

Ref: AIT/IQAC/ISE/ /2019-20

Date:12/01/2020

Circular

Department of Information Science & Engineering is conducting a Certificate Program (Add-on Program) on "Hands on Training on Social Media Based Digital Marketing" from **20/01/2020** to **24/01/2020**. All other HOD's instruct the concern department students to attend the program. Following faculty member (Course instructor) is conducting a certificate program at IS&E Department.

Course Instructor :

Mr. Nanjesh B R

Assistant Professor

Dept. of ISE

AIT Chikmagalur

Nanjesh B.R.

[Signature]

HOD's Signature

Dr. S. SAMPATH

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

Professor & HOD

Dept. of Information Science & Engg.

A.I.T., Chikkamagaluru - 577102.

[Signature]

Principal Signature

Dr. C.T. JAYADEVA

Principal

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

Adichunchanagiri Institute of Technology

CHIKKAMAGALURU-577102

Hands on Training on Social Media Based Digital Marketing

Add on Course for VI Semester B.E. Electrical & Electronics Engineering

Duration: 30 Hours

Syllabus

Module 1:

Fundamentals of Marketing: Journey from Traditional Marketing to Digital Marketing Digital Marketing Metrics and Channels Customer Centricity Case Studies: 1 case study on a leading multinational food products company.

Module 2:

Search Engine Marketing (SEM), Programmatic & Display Advertising, Content Marketing User Nurturing Case Studies: 5 case studies across tracks on leading brands in Healthcare, Clothing, Finance, E-commerce, Banking and Transportation. Google Ads Search Campaign (Google Ads Manager), Email Marketing Live Project (Get Response)

Module 3:

Web Analytics Defining a Robust Digital Marketing Strategy Planning DM Resources (Agency/Team) Case Studies: 2 case studies on reputed companies in E-commerce and Transportation. Web Analytics Live Project (Google Analytics)

Reference:

1. www.udemy.com

Nanjiah B.P.

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-577102
DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

ADD-ON Course – Hands on Training on Social Media Based Digital Marketing

List of Students Enrolled for Add on Course

Srl. No.	USN	Student Name	Signature
1	4AI17EE001	AHMED AMEER N	Ahmed
2	4AI17EE002	ANANYA DIVAKAR H	Ananya
3	4AI17EE003	ANVITHA B M	Anvitha
4	4AI17EE004	ASHITHA V	Ashitha
5	4AI17EE005	BHANUPRIYA D	Bhanupriya
6	4AI17EE006	BHARATH M P	Bharath
7	4AI17EE007	BINDUSHREE T S	Bindu
8	4AI17EE008	CHAITHRA V	Chaitra
9	4AI17EE009	CHANDANA H S	Chandana
10	4AI17EE010	CHELANA D NIGALE	C.Nigale
11	4AI17EE011	CHEETHANA H K	Cheethana
12	4AI17EE012	DEEKSHITH V	Deekshith
13	4AI17EE013	GANESH	Ganesh
14	4AI17EE015	GOUTHAM M S	Goutham

15	4AI17EE016	HARSHA S K	<i>Harsha</i>
16	4AI17EE017	HARSHITH K M	<i>H K M</i>
17	4AI17EE018	ISMAIL ZABEEULLA	<i>Ismail</i>
18	4AI17EE019	KAVANA H L	<i>Kava</i>
19	4AI17EE020	KEERTHI PATEL G K	<i>Keerthi</i>
20	4AI17EE022	MANOJ N NAIK	<i>Manoj</i>
21	4AI17EE023	MEGHANA H	<i>Meghana</i>
22	4AI17EE024	MEGHANA H V	<i>Megha</i>
23	4AI17EE025	MOKSHA N	<i>Moksha</i>
24	4AI17EE026	NISARGA M S	<i>Nisarga</i>
25	4AI17EE027	NIVEDITHA H K	<i>Niveditha</i>
26	4AI17EE028	PRIYANKA C J	<i>Priyanka</i>
27	4AI17EE029	PUNEETH V	<i>Puneeth</i>
28	4AI17EE030	SACHIN N	<i>Sachin</i>
29	4AI17EE031	SAMSKRUTHI H S	<i>Sansk</i>
30	4AI17EE032	SANGEETHA T R	<i>Sangeetha</i>
31	4AI17EE033	SANJAY V S	<i>S</i>
32	4AI17EE034	SHRUTHI A R	<i>Shruthi AR</i>
33	4AI17EE035	SINCHANA C	<i>Sinchana</i>
34	4AI17EE036	SONU L S	<i>Sonu</i>
35	4AI17EE037	SUMANTH GOWDA K H	<i>Sumanth</i>
36	4AI17EE038	SWATHI H N	<i>Swathi</i>
37	4AI17EE043	VATSALA K	<i>Vatsala</i>
38	4AI17EE044	VIDYA G K	<i>Vidya</i>
39	4AI17EE045	VINAYAKA B V M	<i>Vinayaka</i>

40	4AI17EE046	VINAY	Vinay
41	4AI18EE400	ABHISHEK B S	Abhishek
42	4AI18EE405	DARSHAN B K	Darshan
43	4AI18EE406	GOUTHAM H S	Goutham
44	4AI18EE407	HARISH D	Harish
45	4AI18EE418	UMESHA T	Umesha
46	4AI18EE420	VIDYA H C	Vidya

Nanjish 3.12

Course Instructor's Signature

[Signature]

HOD's Signature

Dr. S. SAMPATH

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

Professor & HOD

Dept. of Information Science & Engg.

A.I.T., Chikkamagaluru - 577102.

42	4AI18EE405	DARSHAN B K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	4AI18EE406	GOUTHAM H S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	4AI18EE407	HARISH D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	4AI18EE418	UMESHA T	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46	4AI18EE420	VIDYA H C	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Narjish B.P.

Course Instructor's Signature

Dr. S. Sampath

HOD's Signature

Dr. S. SAMPATH

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

Professor & HOD

Dept. of Information Science & Engg.

A.I.T., Chakkamagaluru - 577102.

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY CHIKKAMAGALURU

Department of Information Science & Engineering

Summary Report on Add-on Course

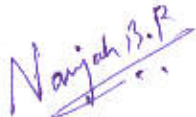
Training on Social Media Based Digital Marketing

The course "**Training on Social Media Based Digital**" was conducted at EEE Dept for the final year students from **20/01/2020** to **24/01/2020**.

During the course, the students are able to understand the Training on Social Media Based Digital Marketing concepts. The course ensure the students in learning designing digital ads, marketing skills and campaigns.

Course Outcomes

1. Students were able to undersand basic principals of digital marketing.
2. Students were able to undersand the ads design.
3. Students were able to undersand the basic principles of campaigning and maketing skills.



Course Instructor's Signature



HOD's Signature

Dr. S. SAMPATH
B.E., M.Tech., Ph.D.
Professor & HOD
Dept. of Information Science & Engg.
A.I.T., Chikkamagaluru - 577102.

|| Jai Sri Gurudev ||

Social Media Based Digital Marketing

20th TO 24th January, 2020

Organized by

SRI ADICHUNCHANAGIRI SHIKSHANA TRUST(R)

Department of Information Science & Engineering

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

(Affiliated to VTU, Belagavi, Recognised by AICTE, New Delhi, Accredited by NAAC & NBA ISO 9001:2008 Certified)

Chikmagalur, Karnataka



Certificate of Participation

Manoj N Naik

This is to certify that Mr./Ms.

from Department of EEE, AIT, Chikkamagaluru

.....has completed the Addon Course entitled "Social Media Based Digital Marketing" held from 20 January 2020 to 24 January 2020.

Nanjesh B R

Nanjesh B R
Course Coordinator

Dr. S. Sampath

Dr. S. SAMPATH
B.E., M.Tech., Ph.D.
Professor & HOD
Dept. of Information Science & Engg.
A.I.T., Chikkamagaluru - 577102

Dr. S. Sampath

Dr. S Sampath
HOD, Dept. of ISE

|| Jai Sri Gurudev ||

Social Media Based Digital Marketing

20th TO 24th January, 2020

Organized by

SRI ADICHUNCHANAGIRI SHIKSHANA TRUST(R)

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Chikmagalur, Karnataka



Certificate of Participation

SINCHANA C

This is to certify that Mr./Ms.

from Department of EEE, AIT, Chikkamagaluru

*.....has completed the Addon Course entitled
"Social Media Based Digital Marketing" held from 20 January 2020 to 24 January 2020.*

Nanjesh B R

Nanjesh B R
Course Coordinator

Dr. S. Sampath

Dr. S. SAMPATH

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

Professor & HOD

Dept. of Information Science & Engg.

A.I.T., Chikmagalur - 577102.

Dr. S. Sampath

Dr. S Sampath
HOD, Dept. of ISE

|| Jai Sri Gurudev ||

Social Media Based Digital Marketing

20th TO 24th January, 2020

Organized by

SRI ADICHUNCHANAGIRI SHIKSHANA TRUST(R)

Department of Information Science & Engineering

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Chikmagalur, Karnataka



Certificate of Participation

Ashitha V

This is to certify that Mr./Ms.

from Department of EEE, AIT, Chikkamagaluru

.....has completed the Addon Course entitled
"Social Media Based Digital Marketing" held from 20 January 2020 to 24 January 2020.

Nanjesh B R

Nanjesh B R
Course Coordinator

Dr. S. Sampath

Dr. S. SAMPATH
B.E., M.Tech., Ph.D.
Professor & HOD
Dept. of Information Science & Engg.
A.I.T., Chikkamagaluru - 577102.

Dr. S. Sampath

Dr. S Sampath
HOD, Dept. of ISE

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CS48512000058

To
SHIVAPRAKASH H V
41, NEAR TOWER, SOMASHETTYHALLI
SIDDAPURA
DAVANAGERE
KARNATAKA - 577221
PH. NO :9482479738

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Complete
<40	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

SHIVAPRAKASH H V

for successfully completing the course



Cloud Computing and Distributed Systems

with a consolidated score of **77** %

Online Assignments	22.71/25	Proctored Exam	54.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 77

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Mar 2020
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras

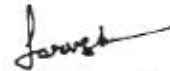


INTERNSHALA TRAININGS

Certificate of Training

Priyanka Shetty

has successfully completed a six weeks online training on **Programming with Python** from 15th March, 2020 to 26th April, 2020. The training consisted of Introduction to Python, Using Variables in Python, Basics of Programming in Python, Principles of Object-oriented Programming (OOP), Connecting to SQLite Database, Developing a GUI with PyQt and Application of Python in Various Disciplines modules. In the final assessment, Priyanka scored 87% marks. We wish Priyanka all the best for the future.



Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-05-17

Certificate no.: AFC97C87-A3D0-9047-CC3E-206A56642F27

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

1.3.2(Project / Internship Details)

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU

Department of Information Science & Engineering

Students Lists - Internship

Year: 2021-22

INTERNSHIP GUILD ALLOTMENT LIST

(2021-2022)

(DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING, A I T, CHICKMAGALUR)

As per the HOD's Instructions, the following faculties are allocated as internship guides.

Sl. No	USN	NAME	GUIDE	PROJECT TITLE
1	4AI17IS033 4AI17IS005 4AI18IS056 4AI18IS065	MEGHANA K R ANU C R SOWMYA M ANUSHA S N	DEEPASHREE K S	"Student Management System"
2	4AI18IS016 4AI18IS013	H S DHARSHINI DEEKSHA J	SUMAN M H	"Attendance Using Face Recognition"
3	4AI18IS008 4AI18IS024	BHOOMIKA C SHETTY KRUTHIKA N P	SUMAN M H	"Hotel Management System"
4	4AI18IS007 4AI18IS003 4AI18IS009	BHAVANA R AMULYA C N BHOOMIKA R	RAVISHANKAR R	"Object Detection System with Voice Output using Python"
5	4AI18IS025 4AI18IS052 4AI18IS057	LAVANYA P D SHWETHA L R SUCHITRA N S	ASHWINI KAMATH	"Library Management System"
6	4AI18IS004 4AI18IS029	ANUSHA C S NANDINI C N	RAGHURAMEGOWDA S M	"Driver Drowsiness Detection System"
7	4AI18IS036 4AI18IS060 4AI18IS063	PRIYANKA K SHETTY TANMAYA M VIDHATRI C V	RAGHURAMEGOWDA S M	"Image to Pencil Sketch"
8	4AI18IS045 4AI18IS053	SAMPREETHA V K SNEHA S HEGDE	RAVISHANKAR R	"Restaurant Management System"
9	4AI18IS051 4AI18IS055 4AI18IS062	SHUBHA C O SOJJANYA B S VARSHA M G	ASHWINI KAMATH	"ATM Management System"
10	4AI18IS032 4AI18IS039	POOJA C C RACHANA C S	ANJALI B V	"Speaking Dictionary"
11	4AI18IS066 4AI18IS012 4AI18IS037 4AI18IS038	KAVANA K CHINMAYI I S PRUTHVI P J PUNARVASU K N	DEEPASHREE K S	"QUANT MASTER-The Placement Portal"
12	4AI18IS017 4AI18IS015	HEMA H V GIRISH GOWDA D K	RAVISHANKAR R	"Educare"
13	4AI18IS001 4AI18IS018	ABHISHI B M JAYALAKSHMI V R	ANJALI B V	"Employee Leave Management System"
14	4AI18IS058 4AI18IS050 4AI18IS027	SUPRITHA H H SHREYA STANIK D MEGHA D M	RAKESH S RAJ	"Protection of Crop Vandalization by Wild Animals"
15	4AI18IS028 4AI18IS026 4AI18IS054	MUSKAN MANOJ U SONIKA M SHETTY	RAVISHANKAR R	"Random Music Player"
16	4AI18IS014 4AI18IS059 4AI18IS061	ESHWARI B V SUSHMA B H VACHANAMAYURI H M	Dr. S SAMPATH	"Fish Species Prediction using KNN Classifier"
17	4AI18IS044	SAMPOORNA H S	Dr. S SAMPATH	"Online Auction System"

Adichuchanagiri Institute of Technology, Chickmagalur

Department of Information Science and Engineering

INTERNSHIP AT **LOGINWARE, KENGERI, BENGALURU – 18CS185 (2021-22)**

Sl. No	USN	NAME	GUIDE
1	4AI17IS005	ANU C R	DEEPASHREE K S
2	4AI17IS033	MEGHANA K R	DEEPASHREE K S
3	4AI18IS001	ABHISHI B M	ANJALI B V
4	4AI18IS002	ADI BHAGAVATH	Dr. S SAMPATH
5	4AI18IS003	AMULYA C N	RAVISHANKAR R
6	4AI18IS004	ANUSHA C S	RAGHURAMEGOWDA S M
7	4AI18IS005	AVINASH H S	NANJESH B R
8	4AI18IS006	BHARATH S	NANJESH B R
9	4AI18IS007	BHAVANA R	RAVISHANKAR R
10	4AI18IS008	BHOOMIKA C SHETTY	SUMAN M H
11	4AI18IS009	BHOOMIKA R	RAVISHANKAR R
12	4AI18IS010	BHOOMIKA S R	RAKESH S RAJ
13	4AI18IS012	CHINMAYI I S	DEEPASHREE K S
14	4AI18IS013	DEEKSHA J	SUMAN M H
15	4AI18IS014	ESHWARI B V	Dr. S SAMPATH
16	4AI18IS015	GIRISH GOWDA D K	RAVISHANKAR R
17	4AI18IS022	KEERTHI S E	NANJESH B R
18	4AI18IS023	KISHAN G S	NANJESH B R
19	4AI18IS025	LAVANYA P D	ASHWINI KAMATH
20	4AI18IS026	MANOJ U	RAVISHANKAR R
21	4AI18IS033	PRACHETH K I	Dr. S SAMPATH
22	4AI18IS037	PRUTHVI P J	DEEPASHREE K S
23	4AI18IS040	ROHAN C	Dr. S SAMPATH
24	4AI18IS043	SAKSHI V	NANJESH B R
25	4AI18IS046	SANJANA GINGADE	NANJESH B R
26	4AI18IS047	SANJAY M	Dr. S SAMPATH
27	4AI18IS049	SHIVARAJ B C	NANJESH B R
28	4AI18IS057	SUCHITRA N S	ASHWINI KAMATH
29	4AI18IS064	JAGATH J S	Dr. S SAMPATH



Coordinator's Signature



Professor & HOD
HOD's Signature
Department of Information Science & Engg.,
Adichuchanagiri Institute of Technology,
Chickmagalur - 577 412

Adichuchanagiri Institute of Technology, Chickmagalur

Department of Information Science and Engineering

Internship at **PraLoTech LLP, K R Pura, Bengaluru – 18CS185 (2021-22)**

Sl. No	USN	NAME	GUIDE
1	4AI18IS016	H S DHARSHINI	SUMAN M H
2	4AI18IS017	HEMA H V	RAVISHANKAR R
3	4AI18IS018	JAYALAKSHMI V R	ANJALI B V
4	4AI18IS019	JYOTHI R	Dr. S SAMPATH
5	4AI18IS021	KAVYA M E	NANJESH B R
6	4AI18IS024	KRUTHIKA N P	SUMAN M H
7	4AI18IS027	MEGHA D M	RAKESH S RAJ
8	4AI18IS028	MUSKAN	RAVISHANKAR R
9	4AI18IS029	NANDINI C N	RAGHURAMEGOWDA S M
10	4AI18IS031	NUMAN AHMED	Dr. S SAMPATH
11	4AI18IS032	POOJA C C	ANJALI B V
12	4AI18IS034	PRAGATHI K Y	RAKESH S RAJ
13	4AI18IS035	PRAPTHI D	RAKESH S RAJ
14	4AI18IS036	PRIYANKA K SHETTY	RAGHURAMEGOWDA S M



Coordinator's Signature



HOD's Signature
Professor & HOD
Department of Information Science & Engg.,
Adichunchanagiri Institute of Technology,
Chikkamagaturu - 577 102.

Adichuchanagiri Institute of Technology, Chickmagalur

Department of Information Science and Engineering

Internship at **Mobility Softtech, V Nagar, Bengaluru** – 18CS185 (2021-22)

Sl. No	USN	NAME	GUIDE
1	4AI18IS038	PUNARVASU K N	DEEPASHREE K S
2	4AI18IS039	RACHANA C S	ANJALI B V
3	4AI18IS042	SAKSHI A D	Dr. S SAMPATH
4	4AI18IS044	SAMPOORNA H S	Dr. S SAMPATH
5	4AI18IS045	SAMPREETHA V K	RAVISHANKAR R
6	4AI18IS050	SHREYA STANIK D	RAKESH S RAJ
7	4AI18IS051	SHUBHA C O	ASHWINI KAMATH
8	4AI18IS052	SHWETHA L R	ASHWINI KAMATH
9	4AI18IS053	SNEHA S HEGDE	RAVISHANKAR R
10	4AI18IS054	SONIKA M SHETTY	RAVISHANKAR R
11	4AI18IS055	SOUJANYA B S	ASHWINI KAMATH
12	4AI18IS056	SOWMYA M	DEEPASHREE K S
13	4AI18IS058	SUPRITHA H H	RAKESH S RAJ



Coordinator's Signature



HOD's Signature
Professor & HOD
Department of Information Science & Engg.,
Adichuchanagiri Institute of Technology,
Chickmagalur - 577 102

Adichuchanagiri Institute of Technology, Chickmagalur

Department of Information Science and Engineering

Internship at **Qfour solutions, Kengeri**, Bengaluru – 18CS185 (2021-22)

Sl. No	USN	NAME	GUIDE
1	4AI18IS059	SUSHMA B H	Dr. S SAMPATH
2	4AI18IS060	TANMAYA M	RAGHURAMEGOWDA S M
3	4AI18IS061	VACHANAMAYURI H M	Dr. S SAMPATH
4	4AI18IS062	VARSHA M G	ASHWINI KAMATH
5	4AI18IS063	VIDHATRI C V	RAGHURAMEGOWDA S M
6	4AI18IS065	ANUSHA S N	DEEPASHREE K S
7	4AI18IS066	KAVANA K	DEEPASHREE K S
8	4AI18IS067	SHARADHI A S	Dr. S SAMPATH



Coordinator's Signature



HOD's Signature
Professor & HOD
Department of Information Science & Engg.,
Adichuchanagiri Institute of Technology,
Chickmagalur - 577 102

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU

Department of Information Science & Engineering

Internship Completion Certificates

Year: 2021-22




Ref: MS/C1/
Date: 30/September/2021

CERTIFICATE OF INTERNSHIP

We the undersigned do hereby proudly present this Certificate of Internship for outstanding honourable effort of Ms. RACHANA C S (Bonafide Student of AIT, Chikmagalur) for her successful completion of "Design and Development of Enterprise Python and Artificial Intelligence Applications" Internship at Mobility Softtex from 13th September 2021 to 30th September 2021.

We found Ms. RACHANA C S is efficient and effective in discharging responsibilities assigned to her. We found her character and conducts were good.

We wish success in her future assignment.


MOBILITY SOFTTECH
#829 52 4th Main Road 5th Stage 5th Block
Moulali Extension Stage 1, Chikmagalur,
BENGALURU-562146, KARNATAKA



PraLoTech Solutions LLP

Ref: PS/CV
Date: 30/September/2021

CERTIFICATE OF INTERNSHIP

We the undersigned do hereby proudly present this Certificate of Internship for outstanding honourable effort of Ms. POOJA C C (Bonafide Student of AIT, Chikmagalur) for her successful completion of "Enterprise Python and Machine Learning Applications" Internship at Pralotech Solutions LLP from 13th September 2021 to 30th September 2021.

We found Ms. POOJA C C is efficient and effective in discharging responsibilities assigned to her. We found her character and conducts were good.

We wish success in her future assignment.



Project Manager

PraLoTech Solutions LLP

Ref: LW/C1/LGL
Date: 30/September/2021



CERTIFICATE OF INTERNSHIP

"LOGINWARE GLOBAL LEARNING"

A Certificate of Appreciation presented to the following

We the undersigned do hereby proudly present this Certificate of Internship for outstanding honourable effort of Ms. ABHISHI B M (Bunahide Student of AIT, Chikmagalur) for her successful completion of "Enterprise Python Applications" Internship at Loginware Softtec Pvt Ltd from 13th September 2021 to 30th September 2021.

We found Ms. ABHISHI B M is efficient and effective in discharging responsibilities assigned to her. We found her character and conducts were good.

We wish success in her future assignment.

For Loginware Softtec Pvt. Ltd.,



Director

Loginware Softtec Pvt. Ltd.,
#028, 3rd Floor, Glass House, 13th Cross, 3rd Main,
Opp. Road to Kulkarni Apartment,
Baner, Kengeri Satellite Town, Bangalore, Karnataka - 560066
info@loginwaresofttec.com | www.loginwaresofttec.com
098568 09819 | +91 79969 90346

Loginware Softtec Pvt. Ltd.,
#40/153, 1st Floor, Opp. Bharathi Associates, 8th Bypass Road,
Bommasahalli, Hassan - 573201
info@loginwaresofttec.com | www.loginwaresofttec.com
0 08172 - 267176, +91 79969 90346

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU

Department of Information Science & Engineering

Project Work Details

Year: 2021-22

Adichunchanagiri Institute of Technology, Chikmagalur

Department of Information Science and Engineering

PROJECT DETAILS – 18CSP83 - 2021-22

Team No.	USN	Name	Title	Guide
1	4AI18IS018	Jayalakshmi V R	"A Deep Learning Based Method for Parkinson's Disease Detection Using Dynamic Feature of Speech"	Raghuramegowda S M
	4AI18IS001	Abhishi B M		
	4AI18IS016	Darshini H S		
2	4AI18IS010	Bhoomika S R	"Early Detection of Alzheimer's Disease using Deep Learning"	Ashwini Kamath
	4AI18IS014	Eshwari B V		
	4AI18IS059	Sushma B H		
	4AI18IS061	Vachanamayuri H M		
3	4AI18IS064	Jagath J S	"Blockchain Based-Data and Energy Trading in Internet of Electric Vehicles"	Dr. Sampath S
	4AI18IS033	Pracheth K I		
	4AI18IS038	Punarvasu K N		
	4AI18IS002	Adi Bhagavath		
4	4AI18IS036	Priyanka K Shetty	"Trustworthy Electronic Voting Using Adujsted Blockchain Technology"	Rakesh S Raj
	4AI18IS060	Tanmaya M		
	4AI18IS063	Vidhatri C V		
5	4AI18IS026	Manoj U	"Network Intrusion Detection Using Hybrid Classifiers"	DEEPASHRI K S
	4AI18IS028	Muskan		
	4AI18IS054	Sonika M Shetty		
	4AI18IS050	Shreya Stanik D		
6	4AI18IS025	Lavanya P D	"Disease Prediction Using ML Algorithm"	DEEPASHRI K S
	4AI18IS024	Kruthika N P		
	4AI18IS052	Shwetha L R		
	4AI18IS057	Suchitra N S		

15	4AI18IS055 4AI18IS051 4AI18IS062 4AI17IS005	Soujanya B S Shubha C O Varsha M G Anu C R	"Analysis of Covid-19 and Pneumonia in Chest X-ray Images Using Deep Learning"	Suman M H
16	4AI18IS005 4AI18IS006 4AI18IS022 4AI18IS037	Avinash H S Bharath S Keerthi S E Pruthvi P J	"Virtual Dressing Room using Augmented Reality"	Nanjesh B R
17	4AI18IS066 4AI18IS008 4AI18IS013 4AI18IS065	Kavana K Bhoomika C Shetty Deeksha J Anusha S N	"A Deep Learning Model for Early Prediction of Plant Disease"	Nanjesh B R
18	4AI18IS004 4AI18IS029	Anusha C S Nandini C N	"Hand Gesture Recognition for Vocal and Hearing impaired human"	Dr. Sampath S



Signature of the Project Coordinator



Signature of the H.O.D

Professor & HOD
Department of Information Science
Adityanarasimha Institute of Technology
Chikmagalur - 577 102.

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belgaum)

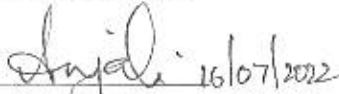
CHIKMAGALUR, INDIA - 577102

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that the project work entitled "ANOMALY DETECTION IN VIDEOS FOR VIDEO SURVEILLANCE APPLICATION USING NEURAL NETWORK" carried out by MEGHA D M (4AI18IS027), SAKSHI V (4AI18IS18043), SANJANA JINGADE (4AI18IS046), SUPRITHA H H (4AI18IS058) is a bonafide work of students of 8th semester, in partial fulfillment for the award of degree of Bachelor of Engineering in Information Science and Engineering of Visvesvaraya Technological University, Belgaum during the year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

 16/07/2022

Mrs. Anjali B V n.r., M.Tech

Asst. Professor

Dept. of ISE

Signature of Coordinator

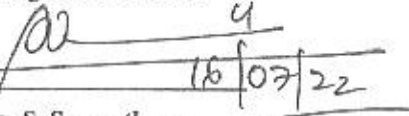


Mr. Suman M H B.E., M.Tech

Asst. Professor

Dept. of ISE

Signature of HOD

 16/07/22

Dr. S. Sampath Ph.D.

Professor & HOD, Dept. of ISE, Science & Engg.,

Adichunchanagiri Institute of Technology

Chikmagalur - 577 102.

Signature of Principal



Dr. C. T. Jayadeva Ph.D.

Principal

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

Adichunchanagiri Institute of Technology
CHIKKAMAGALURU-577102

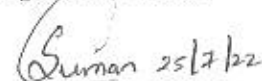
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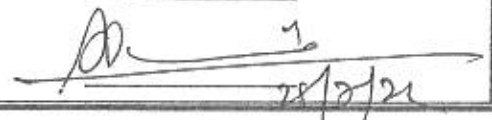
Name of the Examiners

1. Suman M.H

2. Dr. S. Sampath

Signature with date

 25/7/22

 25/7/22

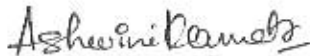
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
(Affiliated to Visvesvaraya Technological University, Belgaum)
CHIKMAGALUR, INDIA – 577102

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

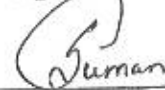
This is to certify that the project work entitled “Automatic Traffic Rule Violation Detection System” carried out by Amulya C N(4AI18IS003), Bhavana R(4AI18IS007), Bhoomika R (4AI18IS009), is a bonafied work of students of 8th semester, in partial fulfillment for the award of degree of Bachelor of Engineering in Information Science and Engineering of Visvesvaraya Technological University, Belgaum during the year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide




Mrs. Ashwini Kamath B.E, M.Tech
Asst. Professor
Dept. of ISE

Signature of Coordinator



Mr. Suman M H B.E, M.Tech
Asst. Professor
Dept. of ISE

Signature of HOD


Dr. S. Sampath B. E, M.Tech, Ph.D.
Professor & HOD, Dept. of ISE
Adichunchanagiri Institute of Technology,
Chikmagalur - 577102

Signature of Principal



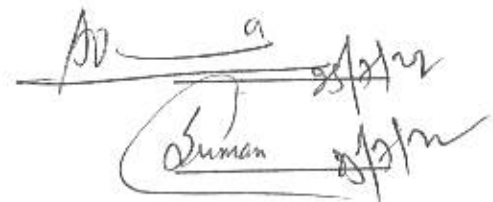
Dr. C. T. Jayadeva Ph.D
Principal

Dr. C. T. JAYADEVA
Principal B.E., M.Tech., Ph.D.
Adichunchanagiri Institute of Technology
CHIKKAMAGALURU-577102
Signature with date

External Viva

Name of the Examiners

1. Dr. S. Sampath
2. Suman M.H



ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belgaum)

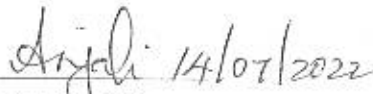
CHIKKAMAGALURU, INDIA - 577102

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that the project work entitled "RANSOMWARE PREDICTION OVER BITCOIN TRANSACTION USING MACHINE LEARNING AND DEEP LEARNING" carried out by Chinmayi I S (4AI18IS012), Sampreetha V Kadagalnad (4AI18IS045) & Sneha S Hegde (4AI18IS053) is a bonafide work of students of 8th semester, in partial fulfillment for the award of degree of Bachelor of Engineering in Information Science and Engineering of Visvesvaraya Technological University, Belgaum during the year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

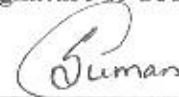


Mrs. Anjali B V B.E., M.Tech

Asst. Professor

Dept. of ISE

Signature of Coordinator

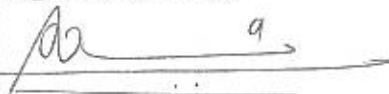


Mr. Suman M H B.E., M.Tech

Asst. Professor

Dept. of ISE

Signature of HOD



Dr. S. Sampath Ph.D.
Professor & HOD
Department of Information Science & Engg.
Adichunchanagiri Institute of Technology
Chikkamagaluru - 577102.

Signature of Principal



Dr. C. T. Jayadeva Ph.D.
Principal
B.E., M.Tech., Ph.D.

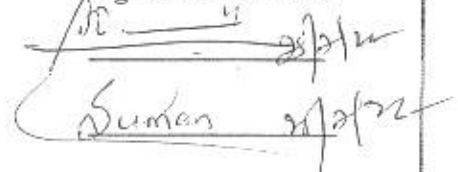
Adichunchanagiri Institute of Technology
CHIKKAMAGALURU-577102

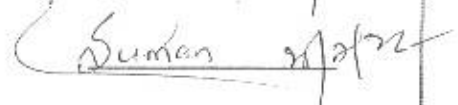
External Viva

Name of the Examiners

1. Dr. S. Sampath
2. Suman M.H

Signature with date


Dr. S. Sampath 21/2/22


Suman M.H 21/2/22

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belgaum)

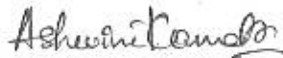
CHIKMAGALUR, INDIA - 577102

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that the project work entitled "Early Detection of Alzheimer's Disease Using Deep Learning" carried out by Bhoomika S R(4AI18IS010), Eshwari B V(4AI18IS014), Sushma B H(4AI18IS059), Vachan Mayuri H M(4AI18IS061) is a bonafied work of students of 8th semester, in partial fulfillment for the award of degree of Bachelor of Engineering in Information Science and Engineering of Visvesvaraya Technological University, Belgaum during the year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

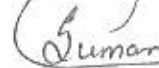


Mrs. Ashwini Kamath B.E., M.Tech

Asst. Professor

Dept. of ISE

Signature of Coordinator

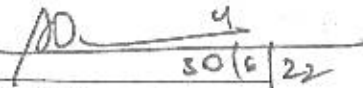


Mr. Suman M H B.E., M.Tech

Asst. Professor

Dept. of ISE

Signature of HOD



30/6/22

Dr. S. Sampath Ph.D

Professor & HOD, Dept. of ISE

Professor & HOD

Department of Information Science & Engg.-

Adichunchanagiri Institute of Technology.

Chikkamagaluru - 577 102.

External VIVA

Name of the Examiners

1. Dr. S. Sampath

2. Suman M.H

Signature of Principal



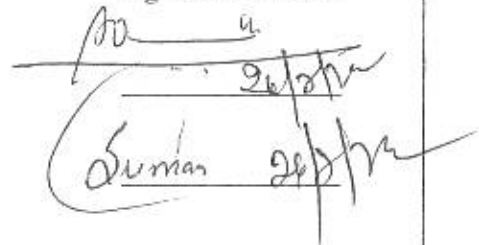
Principal, Dr. C. T. Jayadeva Ph.D., M.Tech., Ph.D.

Adichunchanagiri Institute of Technology

Principal
CHIKKAMAGALURU-577102

AIT, Chikkamagaluru

Signature with date



ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU

Department of Information Science & Engineering

DBMS Mini Project Work Details - 5th Sem

Year: 2021-22

Adichunchanagiri Institute of Technology, Chikmagalur

Department of Information Science and Engineering

DBMS Laboratory Mini Project (18CSL58)

The finalized title for DBMS mini project is given below.

Team members Name	USN of team Members	Title of Project
Banupriya S P H M Vedantha Gowda Mallesh S R	4A119IS008 4A119IS012 4A119IS021	Courier Management System
Sindhu k, Ananya m urs, Mathsa k Praptha M P	4A119IS050, 4A119IS004, 4A119IS026 4A119IS034	Hospital Management System
Shradda Gowda TM Anvitha Gowda Ibbani AL Sameeksha Srinivas	4A119IS043 4A119IS006 4A119IS014 4A119IS040	Vaccination Management Password Management
Vikas Aishwarya S Rao Vinaha H V Suprith Devang	4A119IS060 4A119IS002 4A119IS061 4A119IS056	The Book Store
Aishwarya. h B T Namratha Urs Kiran B U Rakesh J	4A119IS002 4A119IS007 4A119IS019 4A119IS036	Library Management System
Chalana KR, Gnanavi CJ, Mamatha Ravikumar, Mamta Onkarmurty	4A119IS009, 4A119IS011, 4A119IS024, 4A119IS023	Python Application On Health Care Centre
Sneha p gowda Nikhitha Anand Sannidhi Chaithanya	(4A119IS051) (4A118IS030) (4A118IS011) (4A118IS048)	Blood Donation Management System
Panchami M R Nayana H R Shruna H R Samay H U	4A119IS033 4A119IS029 4A119IS046 4A119IS039	Extra Curricular Portal
Manoj DD Keerthi KR Kavana NV Yashas	4A119IS025 4A119IS018 4A119IS017	Python Application
Varshitha nayak, Sowjanya N M, Vidya N G, Spoorthi H C	4A119IS057, 4A119IS052 4A119IS059 ,4A119IS055	Library Database Management

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi)

CHIKKAMAGALURU, INDIA -577102

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project work entitled "Extra Curricular Activity Management" Carried out by Nayana H R (4A119IS029), Panchami M R (4A119IS033), Samay H U (4A119IS039), Shrunga H R (4A119IS046) is a bonafide work of students of V semester, in partial fulfilment of the requirement for Database management system laboratory(18CSL58) with mini project under CBCS scheme of Visvesvaraya Technological University, Belagavi during the year 2021-2022. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed by the university.

Signature of the Guide

Mr. Rakesh S Raj B.E.,M.Tech.
Assistant Professor

Professor & HOD
Department of Information Science & Engg.,
Adichunchanagiri Institute of Technology,
Chikkamagaluru - 577 102.
Dr. S. Sampath M.Tech, Ph.D

Professor and Head

External Examiner

1. Rakesh S Raj
2. Raghu ramagouda sm

Signature with date

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

(Affiliated to VTU, Belagavi and Approved by AICTE, New Delhi)

Chikkamagaluru- 577 102, Karnataka, India.

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project work entitled "THE BOOK STORE" is a bonafide work carried out by Aishwarya S. Rao (4AI19IS003) , Supreeth H.R. (4AI19IS056) , Vikas S. (4AI19IS060), Vinaha H.V. (4AI19IS061), in partial fulfillment for the Database Management Systems Laboratory (18CSL58) course of 5th semester Bachelor of Engineering in Information Science and Engineering of the Visvesvaraya Technological University, Belagavi during the academic year 2021-22. It is certified that all corrections and suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of Project Work prescribed for the said degree.

Signature of the Guide

Mr. Rakesh S Raj. B.E., M.Tech.

Assistant Professor

Signature of the HOD
Professor & HOD

Dr. Sampath S. Srinivas B.E., M.Tech., Ph.D.,

Department of Information Science and Engg.,
Adichunchanagiri Institute of Technology,
Chikkamagaluru - 577 102.
Professor & Head

External Examiner

1. Rakesh S Raj
2. Raghu name Gowda s.m

Signature with date

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

(Affiliated to VTU, Belagavi and Approved by AICTE, New Delhi)

Chikkamagaluru- 577 102, Karnataka, India.

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project work entitled "TOURISM MANAGEMENT SYSTEM" is a bonafide work carried out by SOWJANYA.N.M.(4A119IS052), SPOORTHIL.H.C.(4A119IS055),VARSHITHA NAYAK R(4A119IS057),VIDYA.N.G. (4A119IS059) in partial fulfillment for the Database Management Systems Laboratory (18CSL58) course of 5th semester Bachelor of Engineering in Information Science and Engineering of the Visvesvaraya Technological University, Belagavi during the academic year 2021-22. It is certified that all corrections and suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of Project Work prescribed for the said degree.

Signature of the Guide

Mr. Rakesh S Raj. B.E., M.Tech.

Assistant Professor

External Examiner

1. Rakesh S Raj
2. Raghunathrammegowda s.m

Signature of the HOD

Dr. Sampath S B.E., M.Tech., Ph.D.,

Professor & Head

Professor & HOD

Department of Information Science & Engg.,

Adichunchanagiri Institute of Technology,

Chikkamagaluru - 577 102.

Signature with date