College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES
Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.
(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)
Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).
Phone : 08415-201689 (O)
Mobile : 9848924705
Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

2.3.1 Student centric methods, such as Experiential learning, participative learning problem Solving Methodologies are used for enhancing learning experiences.

Index

S.NO	Description	Page No.
1	Sample copy of Laboratory, Chalk board Sessions	2
2	Sample copy of Internships	6
3	Sample copy of Industrial study visits & Field visits	8
4	Sample copy of Industry driven competition	11
5	Sample copy of E-Leaming	13
6	Sample copy of Integrated tools	16
7	Sample copy of Bridge course	19
8	Sample copy of Workshops, Guest lectures and Seminars	20
9	Sample copy of Group Discussions &Debates	24
10	Sample copy of Technical Presentation	26
11	Sample copy of Alumni Interaction	28
12	Sample copy of Think pair-share	29
13	Sample copy of Technical club activities	30
14	Sample copy of Hands-on training programs	31
15	Sample copy of Innovative model development	33
16	Sample copy of Assignments & Quizzes	34
17	Sample copy of Virtual labs	39

PRINCIPAL
Annamacharya Institute of Technology & Sciences

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.
(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)
Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

Experiential learning: The institution offers experiential learning for students with the following approaches:

1. **Laboratory Sessions:** Laboratory Sessions are conducted for better understanding of the oretical concepts.

Students of ECE Department, I Year I Semester performing Lab *Experiments* in "CHEMISTRY LAB"(2022-2023)

PRINCIPAL
Annamacharya Institute of
Technology & Sciences

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.
(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)
Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

Students of ECE Department, I Year I Semester performing Lab *Experiments* in "PHYSICS LAB"(2022-2023)

PRINCIPAL
Annamacharya Institute of Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 512

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.
(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)
Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

ROOM NO 308

Mr. B.Hanumanthu, Assistant professor of Civil Engineering Department explaining "Structural of materials" for B.tech II year I semester students by using Chalk board.(AY 2021-2022)

PRINCIPAL
Annamacharya Institute of Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 505

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.
(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)
Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

Mr. G.Venkatesh, Assistant professor of Electrical and Electronic Engineering Department explaining "Power electronics" for B.tech III year I semester students by using Chalk board.(AY 2020-2021)

PRINCIPAL
Annamacharya Institute of
Technology & Sciences

2. **Internships:** Internships are provided to students through MOUs with the industries.

GMG
SERVICES

MEMORANDUM OF UNDERSTANDING

****

This is for the understanding between M/s **GMG SERVICES**, Hyderabad and department of B.TECH CSE ECE and EEE, **Annamacharya institute of technology and science**.

1. Project work for final B.Tech CSE ECE and EEE class shall be conducted at **GMG SERVICES** from 04.06.2023.
2. Two engineers from M/s **GMG SERVICES** will be available for guiding the students at any instant of time during the project work.
3. The project work schedule prepared by coordinators of the department and Director M/s **GMG SERVICES** shall be strictly followed.
4. Fees of Rs.1000/- and 15000/- for B.Tech CSE ECE and EEE respectively per student shall be paid to M/s **GMG SERVICES**.
5. The additional component cost shall be charged as per the requirements
6. The project titles shall be finalized before one week from commencement of the program in consultation with Head of the Department and need to be completed according to the schedule in all respects.
7. Class rooms and labs with necessary teaching aids shall be provided by the institute during the project work.
8. The agreement shall hold good for the academic year 2022-23.
9. Students shall bring the necessary equipment like soldering stations, multi meters required for the project work.
10. Students have to pay extra amount in case of any damage of hardware projects.

Managing Director
M/s **GMG SERVICES**
Hyderabad

Director/Principal
Annamacharya institute of technology and science

PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 512

403, Harsha Appartments, Near Sai Baba Temple, Dilsukhnagar, Hyderabad-500060, T.S., INDIA.
Cell : 9908870081 E-Mail : gmgservicesforu@gmail.com

PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 512

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.

(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)

Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

ParmyTechnologies

MEMORANDUM OF UNDERSTANDING

This is for the understanding between M/s **PARMY TECHNOLOGIES PVT LTD**, Hyderabad and department of B.TECH CSE ECE and EEE, **Annamacharya institute of technology and science**.

1. Project work for final B.Tech CSE ECE and EEE class shall be conducted at **PARMY TECHNOLOGIES PVT LTD** from 04.06.2022.
2. Two engineers from M/s **PARMY TECHNOLOGIES PVT LTD** will be available for guiding the students at any instant of time during the project work.
3. The project work schedule prepared by coordinators of the department and Director M/s **PARMY TECHNOLOGIES PVT LTD** shall be strictly followed.
4. Fees of Rs.1000/- and 15000/- for B.Tech CSE ECE and EEE respectively per student shall be paid to M/s **PARMY TECHNOLOGIES PVT LTD**.
5. The additional component cost shall be charged as per the requirements
6. The project titles shall be finalized before one week from commencement of the program in consultation with Head of the Department and need to be completed according to the schedule in all respects.
7. Class rooms and labs with necessary teaching aids shall be provided by the institute during the project work.
8. The agreement shall hold good for the academic year 2021-22.
9. Students shall bring the necessary equipment like soldering stations, multi meters required for the project work.
10. Students have to pay extra amount in case of any damage of hardware projects.

Managing Director
M/s PARMY TECHNOLOGIES PVT LTD
Hyderabad

Director/Principal
Annamacharya institute of technology and science

PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 512

WWW.PARMYTECHNOLOGIES.COM HR@PARMYTECHNOLOGIES.COM

16-126, ROAD NO-1, SAI BABA TEMPLE LANE, ABOVE LAKSHMI EYE HOSPITAL, DILSUKHNAGAR, HYDERABAD - 500 060, TS 040-48525999

PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 512

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.
(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)
Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

3. Sample copy of Industrial study visits & **Field visits:** Organized to expose to expose to expose to the current technologies and to provide an opportunity to learn practically through interaction.

II &III Yr Students Field visit

PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 512

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.
(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)
Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

III YR ECE Students visit Power and Biogas plant (AY.2021-2022)

PRINCIPAL
Annamacharya Institute of
Technology & Sciences

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.
(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)
Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

IVYR ECE Students visit ISRO(AY.2020-2021)

PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 512

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES
Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.
(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)
Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

4. Sample copy of Industry driven competition: Students encouraged participating in competitions & Brain vision Conducted by reputed organizations to show case their creative ideation and talent.

Students of EEE IV Year I Semester, participated in "POWER SEMICONDUCTOR DRIVES"(A.Y 2020-21)

PRINCIPAL
Annamacharya Institute of Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 512

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.

(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)

Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES
Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.
(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)
Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).
Phone : 08415-201689 (O)
Mobile : 9848924705
Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

5. Sample copy of E-Learning: Institute allowed to access text books & references, course materials, project reports, magazines, printed journals & e- journals.

PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 512

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.

(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)

Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

PRINCIPAL
Annamacharya Institute o
Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 505

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.

(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)

Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

PRINCIPAL
Annamacharya Institute o
Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 512

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.
(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)
Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

6. Sample copy of integrated tools: Students & Faculty are encouraged to enroll in online course.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

MALOTHU LALIYA

for successfully completing the course

Big Data Computing

with a consolidated score of **93** %

Online Assignments	22.92/25	Proctored Exam	70.5/75

Total number of candidates certified in this course: **2778**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Aug-Oct 2023
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

swayam

Roll No: NPTEL23CS112S537400082 To verify the certificate No. of credits recommended: 2 or 3

PRINCIPAL
Annamacharya Institute of Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 505

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.
(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)
Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

UPPU NARESH

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **79** %

Online Assignments	24.56/25	Proctored Exam	54/75

Total number of candidates certified in this course:**25880**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23CS83S737404682

To verify the certificate

No. of credits recommended: 3 or 4

PRINCIPAL
Annamacharya Institute of Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 505

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.
(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)
Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

UNIVERSITY GRANTS COMMISSION
HUMAN RESOURCE DEVELOPMENT CENTRE (HRDC)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
(Established by Govt. Act No. 30 of 2008)
HYDERABAD, TELANGANA STATE (INDIA)

UGC - SPONSORED Short Term Course

CERTIFICATE

This is to certify that

PRANAV KUMAR POONDLA, Assistant Professor,

Department of Electrical & Electronics Engineering, ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES, PIGLIPUR,BATASINGARAM(P), ABDULLAPURMET (M), HYDERABAD

affiliated to **JNTUH**, participated in **Online Short Term Course on "Research Methodology"** held from **11/09/2023** to **16/09/2023**

Dr. G.K. Viswanadh	Dr. G.K. Viswanadh	Dr. M. Manzoor Hussain
DIRECTOR	**COORDINATOR**	**REGISTRAR**

No : JNTUHHRDC/2023-24/0169

Date : 21/09/2023

PRINCIPAL
Annamacharya Institute of Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 505

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.
(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)
Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

7. Sample copy of Bridge course: Bridge courses are conducted for students for students for filling the gap in academic courses.

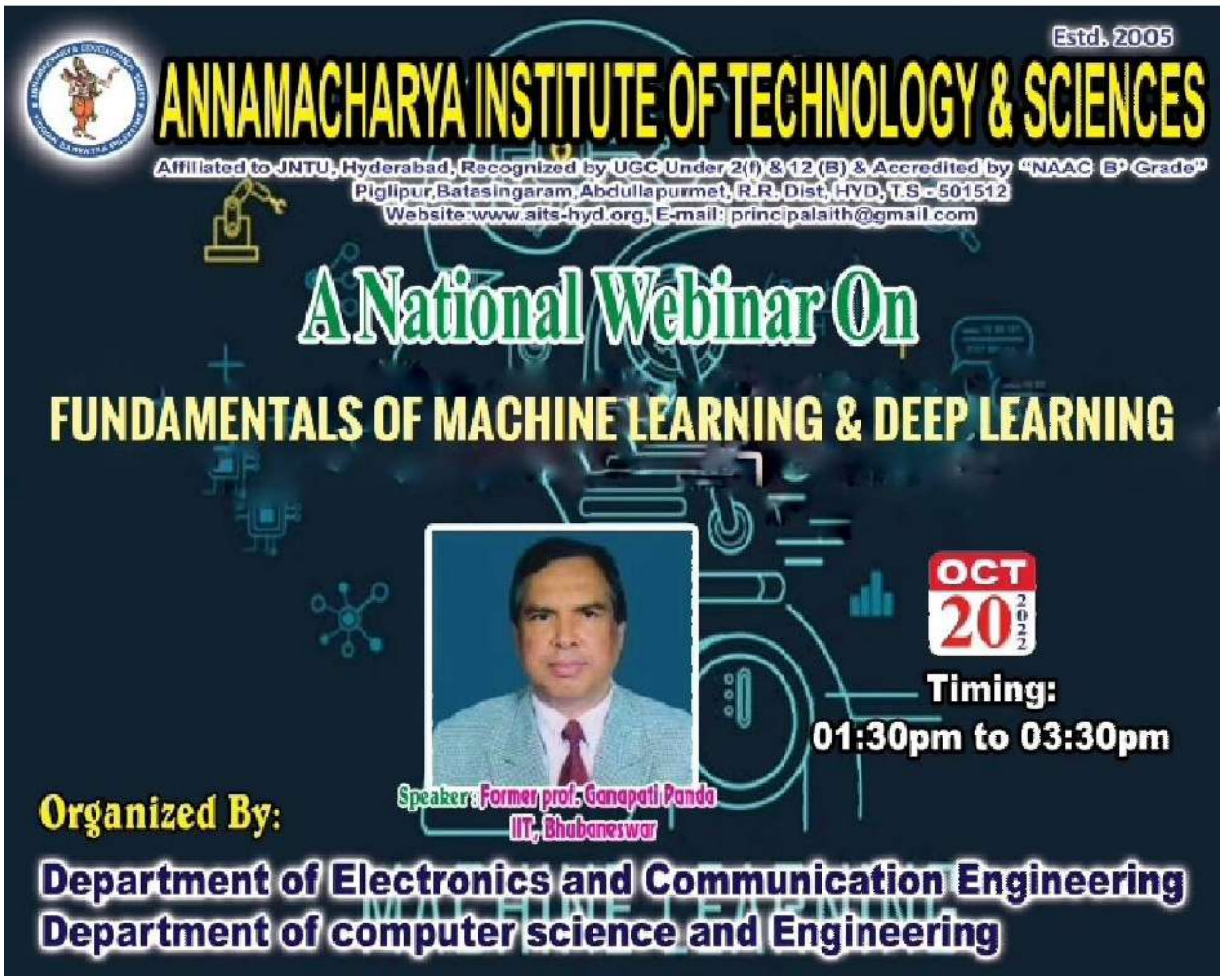
Students of CSE I Semester I year participated bridge program on Engineering Gap with Auto Cad from19.04.2022 to 21.04.22 delivered by Barathkumar Asso.prof.of mechanical Dept. (AY.20218-19)

PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 512

Phone : 08415-201689 (O)
Mobile : 9848924705
Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

Participative learning: The Institution focuses on students in active involvement independently and interdependently through collaborative learning methods.

8. Workshops, Guest lectures and Seminars: Students are encouraged to train on latest trends and innovative technologies by organizing workshops, guest lectures and seminars.



PRINCIPAL
Annamacharya Institute of Technology & Sciences

DATA SCIENCE USING PYTHON 5 DAYS WORKSHOP + 24 HRS HACKATHON

brainovision.in

CONTACT US : 74164

PRINCIPAL
Annamacharya Institute of
Technology & Sciences

PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 512

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.

(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)

Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 512

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES
Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.
(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)
Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).
Phone : 08415-201689 (O)
Mobile : 9848924705
Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

9. Group discussions & **Debates:** Encouraging students to participate in debates and discussions.

PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 512

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.

(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)

Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 512

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.
(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)
Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

10. Sample copy of Technical Presentation: students are encouraged to participate in technical events to show Case their presentations Skill through poster,paper and model presentations and to contribute articles to the college Magazine.

PRINCIPAL
Annamacharya Institute of
Technology & Sciences

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.

(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)

Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 512

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.

(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)

Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

11. Sample copy of Alumni Interaction: Alumni meets are organized every year to build the strong relationship between students and alumni to share their experience and knowledge towards career building.

PRINCIPAL
Annamacharya Institute of
Technology & Sciences

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES
Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.
(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)
Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

12. Sample copy of Think pair-share: Implemented in classroom to help students to come out with individual ideas, discussions and share with other groups.

PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 512

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.
(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)
Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

13. Sample copy of Technical club activities: The institution has various professional societies like IEEE, IETE, IEI, CSI, SAE, ISIE, ISO, where the students actively participate in activities.

PRINCIPAL
Annamacharya Institute of
Technology & Sciences

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES
Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.
(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)
Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

14. **Sample copy of Hands-on training programs:**

In every year, the students will under go the training activities to explore in industry and advanced technologies

PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 512

PRINCIPAL
Annamacharya Institute of
Technology & Sciences

College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES
Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.
(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)
Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).
Phone : 08415-201689 (O)
Mobile : 9848924705
Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

15. ***Sample copy of Innovative model development:***

Used to analyze the performance and the understanding capability of each student attend of the concept.

PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 512

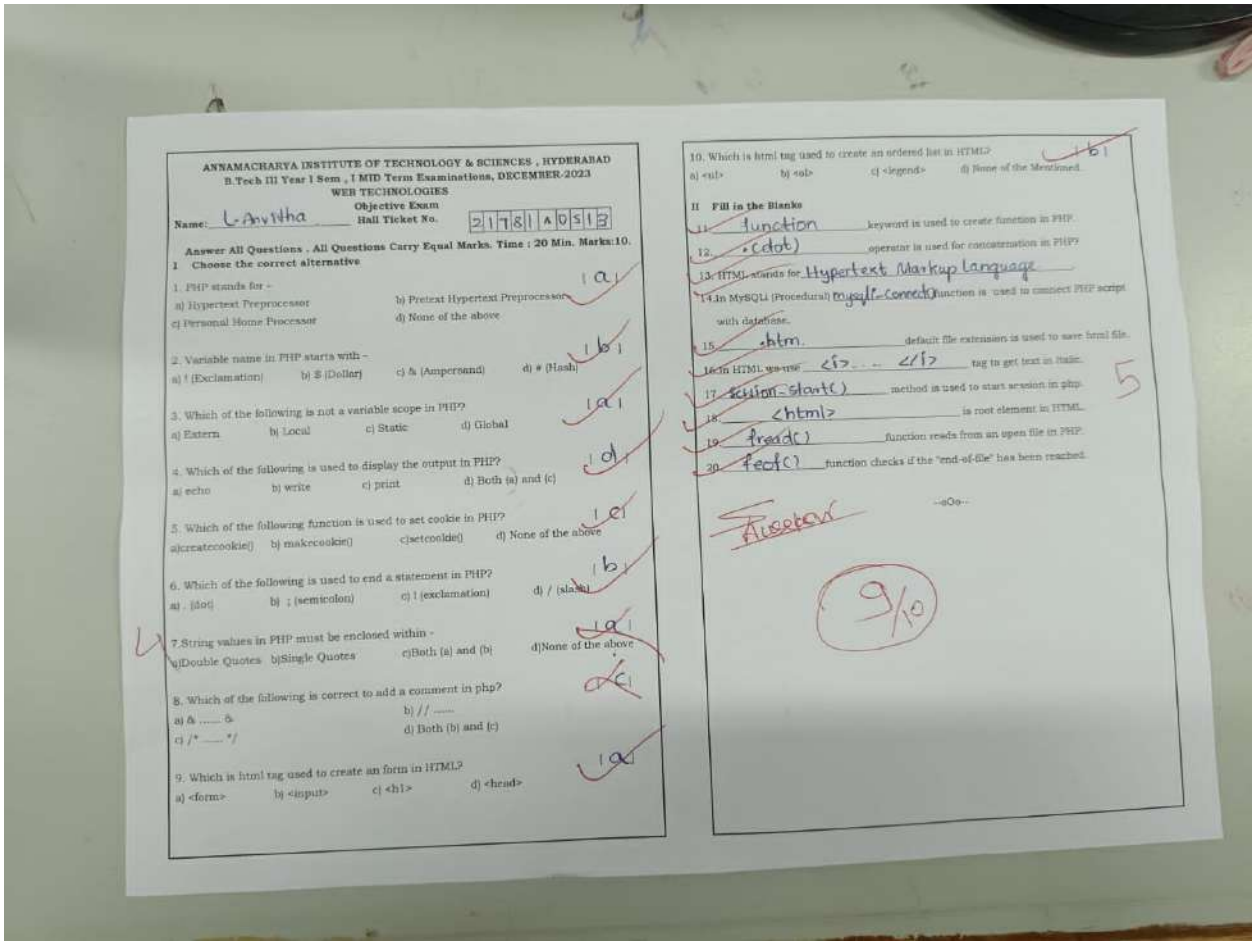
College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES
Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.
(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)
Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

16. Sample copy of Assignments & **Quizzes:** Used to analyze the performance and the understanding capability of each student at the end of the concept.



ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES , HYDERABAD
B.Tech III Year I Sem , I MID Term Examinations, DECEMBER-2023
WEB TECHNOLOGIES
Objective Exam
Name: L Anvitha Hall Ticket No. 217811A0512

Answer All Questions . All Questions Carry Equal Marks. Time : 20 Min. Marks:10.

I Choose the correct alternative

1. PHP stands for –
a) Hypertext Preprocessor b) Pretext Hypertext Preprocessor
c) Personal Home Processor d) None of the above — a

2. Variable name in PHP starts with –
a) ! (Exclamation) b) $ (Dollar) c) & (Ampersand) d) # (Hash) — b

3. Which of the following is not a variable scope in PHP?
a) Extern b) Local c) Static d) Global — a

4. Which of the following is used to display the output in PHP?
a) echo b) write c) print d) Both (a) and (c) — d

5. Which of the following function is used to set cookie in PHP?
a)createcookie() b) makecookie() c)setcookie() d) None of the above — c

6. Which of the following is used to end a statement in PHP?
a) . (dot) b) ; (semicolon) c) ! (exclamation) d) / (slash) — b

7.String values in PHP must be enclosed within -
a)Double Quotes b)Single Quotes c)Both (a) and (b) d)None of the above — a

8. Which of the following is correct to add a comment in php?
a) & ..... &
b) // .....
c) /* ..... */
d) Both (b) and (c) — c

9. Which is html tag used to create an form in HTML?
a) <form> b) <input> c) <h1> d) <head> — a

10. Which is html tag used to create an ordered list in HTML? — b
a) b) c) <legend> d) None of the Mentioned

II Fill in the Blanks

11. function keyword is used to create function in PHP.
12. .(dot) operator is used for concatenation in PHP?
13. HTML stands for Hypertext Markup Language
14.In MySQLi (Procedural) mysqli_connect() function is used to connect PHP script with database.
15. .htm default file extension is used to save html file.
16.In HTML we use ..... tag to get text in Italic.
17. session_start() method is used to start session in php.
18. <html> is root element in HTML.
19. fread() function reads from an open file in PHP.
20. feof() function checks if the "end-of-file" has been reached.

--oOo--

Excellent

9/10

5

PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 512

Name : B. Mounika
class : CSE-A
Roll No: 21T81A0538

Assignment - 1

5

1) Does Java support multi-way decision making statement
Justify your answer:
The multiway branch statement in Java is known as the switch statement.

Switch:
Using the switch statement, one can select only one option From more number of options very easily. In the switch statement, we provide a value that is to be compared with a value associated with each option. whenever the given value is associated with each option. The execution starts from that option, in the switch statement, every option is defined as a case.

Syntax:

```
switch()
{
 case constant-1 :// statements; break
 case constant-2 :// statements; break
 default :// statements;
}
```

Program:

```
Import java.util.scanner;
public class switchstatementTest
{public state void main(strings args[])
{
 scanner read = new scanner(system.in);
 system.out.println(" Press any digit:");
 int value = read nextInt();
 switch(value)
 {
  case 0 : system.out.println("ZERO"); break;
  case 1 : system.out.println("ONE"); break;
  case 2 : system.out.println("TWO"); break;
  case 3 : system.out.println("THREE"); break;
  case 4 : system.out.println("FOUR"); break;
  case 5 : system.out.println("FIVE"); break;
```

PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Pigilipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 505

```
case 6 : system.out.println ("six"); break;
case 7 : system.out.println ("seven"); break;
default : system.out.println ("Not a digit");
}
}
}
```

2. Describe features of Java Programming Language in details

Java is the most popular object oriented programming language. Java has many advanced features, a list of key features is known as Java Buzz words. The Java team has listed the following terms as Java buzz words

* simple
* secure
* portable
* object-oriented
* Robust
* multithreaded
* Interpreted
* High performance
* Distributed
* Dynamic
* Architectural neutral [or] platform independent.

Example: Java programming language is very simply and easy to learn, understand and code. most of the syntaxes in Java follows basic programming language c and object oriented programming concepts are similar to c++. In a Java programming language, many complicated features like pointers, operator overloading, structures, unions etc. have been removed. one of the most useful features is the garboge been removed. one of the most useful features is the go collector. It makes Java more simple

Secure:

Java is said to be more secure programming language because it does not have pointers concepts,

PRINCIPAL
Annamacharya Institute of
Technology & Sciences

Multi-threaded :

Java supports multi-threaded prgming which allows us to write programs that do multiple operation simultaneously.

Interpreted :

Java enables the creation of cross-platform programs by compiling into an inheri intermediate representation called Java byte code. The byte code is interpreted to any machine code so that it runs on the native machine.

High-performance :- Java provides high performance with the help of JVM and JIT compiler

Distributed :-

Java programming language supports tcp/ip protocols which enables the Java to support the distributed environment of the internet.

Dynamic : Java is said to be dynamic because the Java byte code may be dynamically updated on a running system and it has a dynamic memory allocation and deal location.

3) What is string ? Explain String handling methods in details.

A string is a sequence of characters surrounded by double quotations. In a Java programming language, a string is the object of a built-in class String.

In the background, the string values are organised as an array of a character data type

The string created using a character array cannot be extended. It does not allow to append more characters after its definition but it can be modified.

Eg :-

```
char[] name = {'T','o','v','a'}
// name[14] = '@', // Array Index out of bounds Exception
    name[5] = '-';
    System.out.println(name);
```

The string class defined in the package java.lang package

The string class implemen
interfaces.
The string created
It allows us to add
also it can be
Ex :- stringNam
Creating str
in Jav
String
*
Ex

PRINCIPAL
Annamacharya Institute o
Technology & Sciences

The string class implements serializable, comparable and charsequence interfaces.

The string created using the string class class can be extended It allows us to add more characters after its definition and also it can be modified.

Ex:- StringName = "btechstudent";

Creating string objects in Java:

In Java, we can use the following two ways to create a string object.

* using string literal * using string constructor

Ex:-

String title = "Java"; //using literals

string title = new string = ("Java"); //using constructor

String handling methods

The following table depicts all built in methods of string class in java.

Method	Description	Return value
charAt(int)	Finds the character at given index	char
length()	Finds the length of given string	int
compareTo (string)	Compares two strings	int
compareTo ig-nore case (string)	Compress two strings, ignoring case	int
concat(string)	Concatenates the object string with argument string	string
contain (string)	Checks whether a string contains	boolean

Ausekar 29/08/2020

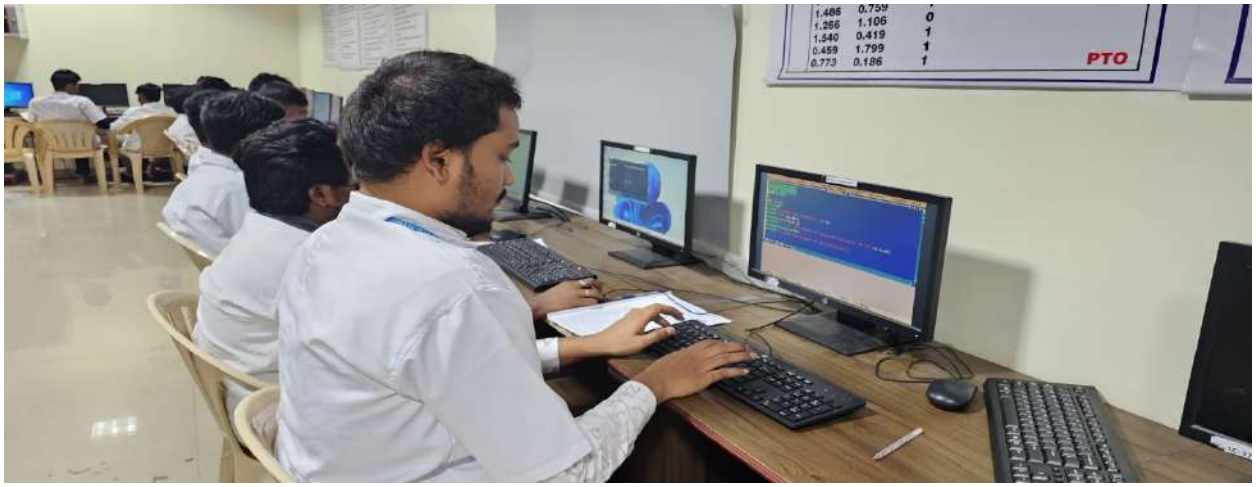
PRINCIPAL
Annamacharya Institute of Technology & Sciences
Pigilipur (V), Batasingaram (Post)
Abdullapurmet (M), R.R. Dist. HYD-501 503

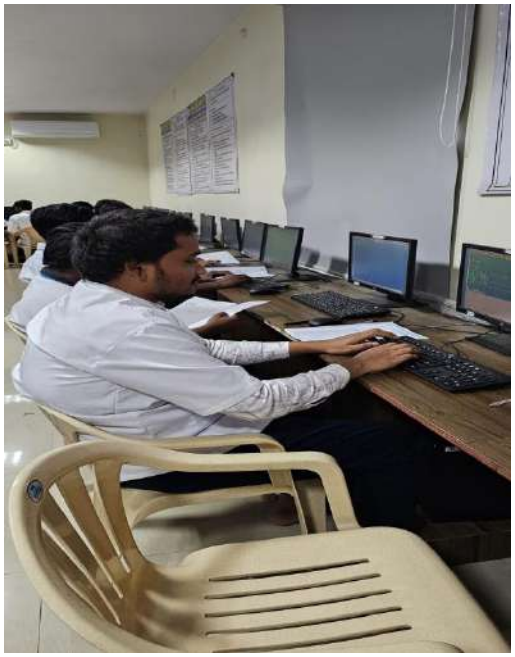
College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES
Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.
(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)
Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).
Phone : 08415-201689 (O)
Mobile : 9848924705
Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

17.Sample copy of Virtual labs:

Used to provide remote-access to Labs in various disciplines can avail the various tools for learning, including additional web-resources, video lectures, animated demonstrations and self-evaluation.





PRINCIPAL
Annamacharya Institute of
Technology & Sciences