(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA (AERO, CSE, ECE & MECH), NAAC with "A+" and Recognised by UGC (2f &12B)
KOMARAPALAYAM - 637303

DEPARTMENT OF INFORMATION TECHNOLOGY ACADEMIC YEAR: 2022-23

STUDENT CENTRIC METHODS

1. Industrial Visit

| Objective | Methodology | Learning Outcomes | Photographic Evidence | Peer Group list |
|-------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| To educate the students about field visit | By selecting the place By taking the students there Make them to learn the field techniques. | From this students can easily understand how the IT industry is automated | Group Carrier India Con See Constitution Carrier India Con See C | III-year Students |



HOD

DEPARTMENT OF IT

Excel Engineering College

Komarapalayam - 637 303

(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennal Accredited by NBA (AERO, CSE, ECE & MECH), NAAC with "A*" and Recognised by UGC (2f &12B) KOMARAPALAYAM - 637303

2. Power Point Presentation

| Objective | Methodology | Learning Outcomes | Photographic Evidence | Peer Group list |
|-----------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| To Gain Knowledge in Inheritance concept with example Programs. | To solye the programs related to theory concepts With Demo. | From PowerPoint Presentation students can easily understand the concept. | Inheritance Definition Variable State of the Active of the State of t | All II Year Students |

(Autonomous)
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA (AERO, CSE, ECE & MECH), NAAC with "A*" and Recognised by UGC (2f &12B)
KOMARAPALAYAM - 637303

3. Alumni Guest Lectures

| Objective | Methodol ogy | Learning Outcomes | Photographic Evidence | Peer Group list |
|--------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| To Create a awareness among students about IT industry | Student | Students actively participated in the program organized and clarified their doubts to the guest. | Pallakkapalayam, Tamil Nadu, India Cotto Hadasib Long 177/20377 11/03/22 0323 PM Alumni name: 1.Ms.Harshini(2020 Batch) 2.Ms. Yalmozhi(2020 Batch) | IV year Students |

(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennal
Accredited by NBA (AERO, CSE, ECE & MECH), NAAC with "A*" and Recognised by UGC (2f &12B) **KOMARAPALAYAM - 637303**

4. Competitions

| Objective | Methodology | Learning Outcomes | Photographic Evidence | Peer Group list |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| In order to effectively create exams and quizzes, it is important to establish and understand the learning objectives that are being measured. For that students are engorge to participate in various technical events | participate in the webinar, workshop, guest lectures and ask them to engage in all the activities related to that. | The students get knowledge while participate in various events organized by various colleges related to their subjects. | Company of the Control of the Contro | Students from the department |

(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Accredited by NBA (AERO, CSE, ECE & MECH), NAAC with "A+" and Recognised by UGC (2f &12B) **KOMARAPALAYAM - 637303**

5. Club activities

| Objective | Methodology | Learning Outcomes | Photographic Evidence | Peer Group list |
|---------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| The aim of the club is to inculcate among students to explore their | competition like pledge, slogan contest, poster | It measure the mirrors the process that academic programs have embraced, while | Pallakapalayan, Tamil Nadu, India Swid-rise, Rasmanayan, Tuni nada Swid-rise, Rasmanayan, Rasman | Student Members of various clubs |
| talents | social activities | being uniquely tailored to the co-curricular experiences that students engage. | Server Transaction of the server of the serv | |

(Autonomous)

Approved by AICTE, New Delhi & Affillated to Anna University, Chennal

Accredited by NBA (AERO, CSE, ECE & MECH), NAAC with "A*" and Recognised by UGC (2f &12B) KOMARAPALAYAM - 637303

6. NPTEL

| Objectiv | 'e | Methodo | ology | Learning Outcomes | Photographic Evidence | Peer Group list |
|-----------|------|-----------|--------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| To make | the | Attending | the | The students can get | NPTEL Online Correlection [A] | |
| students | gain | NPTEL | exam | more knowledge about | The end of the control of the contro | II & III Year |
| more | | conducted | by IIT | the subjects related to | There despects (a Many) Promote Face 10 forth. Inter terms of classes where the control state In the face 10 forth of the control state In the face 10 forth of the control state (a sum of the control state 10 forth of the control state 10 for | Students |
| knowledge | | | | Information | NPTEL Online Cortification [C] | |
| about | the | | | Technology. | Constitution of Charles for Engage Ma | |
| subjects | | | | | A contract to the contract to | |
| | | | | | NPTEL Online Geruiteation | |
| | | | | | The mediate countries 1990-150 The mediate countries is trans Print terminal to leave Print terminal to leave (The mediate countries) | J ¹¹ |
| | | | | | (I) amin'ny | |
| | | | | | NPTEL Online Certification | 4 |
| | | | | | La Service The recombination and the second of the second | |
| | | | | | (Supplied | |
| | | | | | NPTEL Online Certification | |
| | | | | | Here to theme is used as a provided to provided to the control of | |
| | | | | | Other contractions of the State | |
| | | | | | Company to the control of the c | |
| | | | | | | |

(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

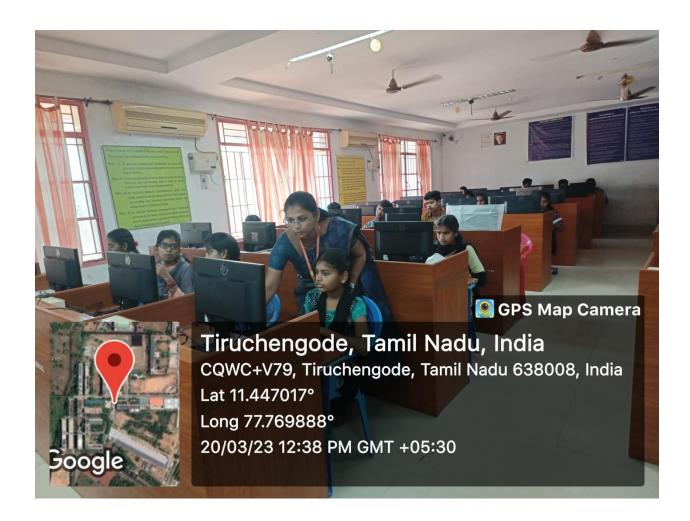
Accredited by NBA (AERO, CSE, ECE & MECH), NAAC with "A*" and Recognised by UGC (2f &12B) **KOMARAPALAYAM - 637303**

Lab integrated theory courses course lists and photos

| S. No. | Lab integrated theory courses |
|--------|-------------------------------------|
| 1 | Digital Logic and Microprocessor |
| 2 | Operating Systems |
| 3 | Database Management Systems |
| 4 | Object Oriented Analysis And Design |
| 5 | Internet of Things |
| 6 | Cryptography and network Security |
| 7 | Wireless Sensor Networks |

(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai Accredited by NBA (AERO, CSE, ECE & MECH), NAAC with "A+" and Recognised by UGC (2f &12B) KOMARAPALAYAM - 637303



(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA (AERO, CSE, ECE & MECH), NAAC with "A+" and Recognised by UGC (2f &12B)
KOMARAPALAYAM - 637303

DEPARTMENT OF INFORMATION TECHNOLOGY ACADEMIC YEAR: 2022-23

STUDENT CENTRIC METHODS

1. Industrial Visit

| Objective | Methodology | Learning Outcomes | Photographic Evidence | Peer Group list |
|-------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| To educate the students about field visit | By selecting the place By taking the students there Make them to learn the field techniques. | From this students can easily understand how the IT industry is automated | Ernakulam, Kerala, India Ground Foor, Pathwalam Bulding, new Gokul Consupura, Ideal Lane Jn, East, 1946 Lat 100/1469* Lat 100/14 | III-year Students |

(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA (AERO, CSE, ECE & MECH), NAAC with "A+" and Recognised by UGC (2f &12B) **KOMARAPALAYAM - 637303**

2. Power Point Presentation

| Objective | Methodology | Learning Outcomes | Photographic Evidence | Peer Group list |
|-----------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| To Gain Knowledge in Inheritance concept with example Programs. | To solve the programs related to theory concepts With Demo. | From PowerPoint Presentation students can easily understand the concept. | Inheritance Definition Inheritance Inheritance Inheritance Inheritance Definition Inheritance Definition Inheritance Inheritance I | All II Year Students |

(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA (AERO, CSE, ECE & MECH), NAAC with "A+" and Recognised by UGC (2f &12B) **KOMARAPALAYAM - 637303**

3. Alumni Guest Lectures

| Objective | Methodol ogy | Learning Outcomes | Photographic Evidence | Peer Group list |
|--------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| To Create a awareness among students about IT industry | Alumni Student Presented about the Placement and working nature in Industry | Students actively participated in the program organized and clarified their doubts to the guest. | Pallakkapalayam, Tamil Nadu, India COW9+FMR, Pallakkapalayam, Tamil Nadu 638008, India Lat 11.446318* Long 77.769371* Google 13/08/22 03:23 PM Alumni name: 1.Ms.Harshini(2020 Batch) 2.Ms. Yalmozhi(2020 Batch) | IV year Students |

(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA (AERO, CSE, ECE & MECH), NAAC with "A+" and Recognised by UGC (2f &12B)
KOMARAPALAYAM - 637303

4. Competitions

| Objective | Methodology | Learning Outcomes | Photographic Evidence | Peer Group list |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| In order to effectively create exams and quizzes, it is important to establish and understand the learning objectives that are being measured. For that students are engorge to participate in various technical events | Students are made to participate in the webinar, workshop, guest lectures and ask them to engage in all the activities related to that. | The students get knowledge while participate in various events organized by various colleges related to their subjects. | MONON A GAME, RESERVE ST. SALVANDERSON, IN SALVANDERSON, | Students from the department |

(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA (AERO, CSE, ECE & MECH), NAAC with "A+" and Recognised by UGC (2f &12B)
KOMARAPALAYAM - 637303

5. Club activities

| Objective | Methodology | Learning Outcomes | Photographic Evidence | Peer Group list |
|---------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| The aim of the club is to inculcate among students to explore their | | | Pallakkapalayam, Tamil Nadu, India COW9+FMR, Pallakkapalayam, Tamil Nadu Basoos, India Lat 11.445499* Long 777/89085* 04/03/23 10:14 AM GMT +05:30 | Student Members of various clubs |
| talents | social activities | being uniquely tailored to the co- curricular experiences that students engage. | Pallakkapaiayam, Tamil Nadu, India COW3+FM, Pallakkapaiyam, Tamil Nadu 638008, India Lat 144898* Long 77789108* 28/11/22 09:52 AM | |

(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA (AERO, CSE, ECE & MECH), NAAC with "A+" and Recognised by UGC (2f &12B)
KOMARAPALAYAM - 637303

6. NPTEL

| Objective | Methodology | Learning Outcomes | Photographic Evidence | Peer Group list |
|---------------|------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| To make the | Attending the | The students can get | NPTEL Online Certification | |
| students gain | NPTEL exam | more knowledge about | The complicate is accounted to MADDINADAY For executably completing the course Proggramming in Java with complicated of every 6 60 % | II & III Year |
| more | conducted by IIT | the subjects related to | Odline Antigenessels 2 asked Proclame Exam 30.7979) Valid weather of mediation configure in this reason 9327 John Agricus Proclame (10 media configure in the control 9327) John Valid Configure in the control 9327 John Valid Configure | Students |
| knowledge | | Information | NPTEL Online Certification | |
| about the | | Technology. | Foundation of Louis and As MANNS Foundation of Cloud to Fidge ML. With combined one of 77 % [Outlook Assemble Louis 1, 23,126] Frederick Earth \$8,1575] | |
| subjects | | | The description of the control of th | |
| | | | NPTEL Online Certification Property by the fact, out or stall The original to model to | |
| | | | for memorphism performs the more Programming in Java who remainded user of \$5 m or \$0.00 m or \$0.0 | |
| | | | Jon Apr 1923 The mark market of historicapy throughout The mark market of historicapy throughout The mark market of historicapy throughout The market market of historicapy throughout The market market of historicapy throughout The market market market of historicapy throughout The market | |
| | | | NPTEL Online Certification When the results to results to some to som | |
| | | | for necessify completing the converted to the converted t | |
| | | | The families of policy of the families of policy in the sources 10072. Source of policy of the families of th | |
| | | | ** NPTEL Online Certification for the land of the land | |
| | | | The original is a reserved to PARDEMENTS C 5 For recomplify originating the names The Joy of Computing using Python with a consolidated source 6 66 % | |
| | | | Collact Assignments 16,220,020 Preclamed Econ 45,575 Total Assignments 16,220,020 Preclamed Econ 45,575 Total Assignments 16,520,020 Preclamed Econ 45,575 Total Assignments 16,520,020 Preclamed Econ 15,520 Total Assignments 16,520 Precla | |
| | | | See of the International Control of the See | |
| | | | | |

(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA (AERO, CSE, ECE & MECH), NAAC with "A+" and Recognised by UGC (2f &12B)
KOMARAPALAYAM - 637303

Lab integrated theory courses course lists and photos

| S. No. | Lab integrated theory courses | |
|--------|-------------------------------------|--|
| 1 | Digital Logic and Microprocessor | |
| 2 | Operating Systems | |
| 3 | Database Management Systems | |
| 4 | Object Oriented Analysis And Design | |
| 5 | Internet of Things | |
| 6 | Cryptography and network Security | |
| 7 | Wireless Sensor Networks | |

(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA (AERO, CSE, ECE & MECH), NAAC with "A+" and Recognised by UGC (2f &12B)
KOMARAPALAYAM - 637303

