

**VINAYAKA MISSION'S RESEARCH FOUNDATION
(Deemed to be University)
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING**

CIRCULAR

Ref No: 22-23/Odd/Mech/EEC 06

Date: 23.11.2022

The Department of Mechanical Engineering is conducting a three days Employability Enhancement Course on “NEW PRODUCT DEVELOPMENT” from 28.11.2022 to 30.11.2022. All the students are requested to register and participate for the course. The invitation is herewith attached.

Registration Link: <https://forms.gle/NzFJL6Np1Kus7aik8>



HOD

| | |
|----------------|--|
| Circulated to: | <ol style="list-style-type: none">1. All the faculty members2. All the students |
| Copy to | <ol style="list-style-type: none">1. Principal Office, VP Academics, VP Admin2. Department Notice Board |



VINAYAKA MISSION'S
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AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING

ENGINEERING DESIGN COLLEGIATE CLUB (EDCC) & TARG CAD-CAM

INSTITUTION'S INNOVATION COUNCIL (IIC)

association with

KRIATEC SERVICES PVT LTD.

Cordially invites you all for

Employability Enhancement Course on “NEW PRODUCT DEVELOPMENT”

DATE & TIME: 28.11.2022 to 30.11.2022

TRAINERS

Mr.Alexander,Senior Application Engineer, Kriatec services Pvt Ltd.

Mr.Balaji.G Application Engineer, Kriatec services Pvt Ltd.

Mr.Anirrudh Shrinaath, Application Engineer, Kriatec services Pvt Ltd

Presidential Address

Dr.G.Selvakumar

Principal, AVIT

Felicitation

Dr.L.Prabhu, HOD/ MECH,AVIT

Coordinator

Mr.P.Kumaran, Assistant Professor Gr-II / MECH/AVIT



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AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

Cordially invites you all for the Session on

Employability Enhancement Course on New Product Development

 28.11.2022 to 30.11.2022 (15 Hours)  10.00 a.m.

 Digital Classroom



Trainers

Mr. Alexander
Senior Application Engineer
Kriatec services Pvt Ltd.

Mr. Balaji. G
Application Engineer
Kriatec services Pvt Ltd.

Mr. Anirrudh Shrinaath
Application Engineer
Kriatec services Pvt Ltd.

In the presence of

Dr. G. Selvakumar, Principal, AVIT
Dr. L. Prabhu, VP (Admin.) & President, IIC, AVIT

Event Coordinator :
Mr. P. Kumaran, Asst.Prof Gr-II/ Mech, AVIT

Organized by : Department of Mechanical Engineering, Engineering Design Collegiate Club (EDCC) &
TARG - CAD / CAM in association with Kriatec Services Private Ltd

AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING

Ref: 22-23/Odd/Mech/EEC 06

Date: 01.12.2022

From

Mr.P.Kumaran,
Asst.Professor Gr-II
Mechanical Engineering,
Aarupadai Veedu Institute of Technology,
Paiyanoor-603 104.

To

The Principal,
Aarupadai Veedu Institute of Technology
Paiyanoor-603 104

Respected Sir,

Sub: Submission of Mechanical Engineering Department Event-Report- Reg.

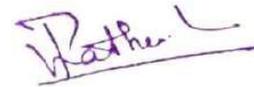
The Department of Mechanical Engineering has organized the Employability Enhancement Course on “NEW PRODUCT DEVELOPMENT” from 28.11.2022 to 30.11.2022. The report of the programme is herewith attached for your kind perusal.

Thanking you,

With regards,



Event Coordinator



HOD



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association with

KRIATEC SERVICES PRIVATE LTD

Organizing

Employability Enhancement Course on
“NEW PRODUCT DEVELOPMENT”

28.11.2022 TO 30.11.2022 (15 Hours)

The Department of Mechanical Engineering in association with Engineering Design Collegiate Club (EDCC) & Institution's Innovation Council (IIC) organised the Employability Enhancement Course on “NEW PRODUCT DEVELOPMENT” from **28.11.2022 to 30.11.2022**. The program was inaugurated by **Dr. L. Prabhu, IIC President, VP Admin & HOD / Mech**. The kriatec services Pvt Ltd, Senior Application Engineers **Mr.Alexander, Mr.Balaji.G**, and Application Engineer **Mr.Anirrudh Shrinaath** has delivered the course content of New Product Development. Around 100 mechanical engineering students (Third & Final Year) have participated.

The students had an interaction with the expert and the following contents were discussed.

DAY 1 –28.11.2022

FORENOON SESSION: 9.00AM TO 12.00 PM

The first session was conducted by **Mr.Anirrudh Shrinaath**, Application Engineer from Kriatec Services Pvt Ltd. He has delivered the course content on

- Various core mechanical industries
- Various departments in the core industries
- Trends in mechanical industries
- Steps in New Product Development Cycle,
- Drawing study & GD&T,
- Industrial Drawing reading,



AFTERNOON SESSION: 1.00 PM TO 3.00 PM

The second session was handled by **Mr.Balaji.G**, Application Engineer from Kriatec Services Pvt Ltd. He has delivered the course content on

- Live industry component (Base plate).
- New Product Development
- Introduction to Edgecam,
- NPD of Milling Part using Edgecam.

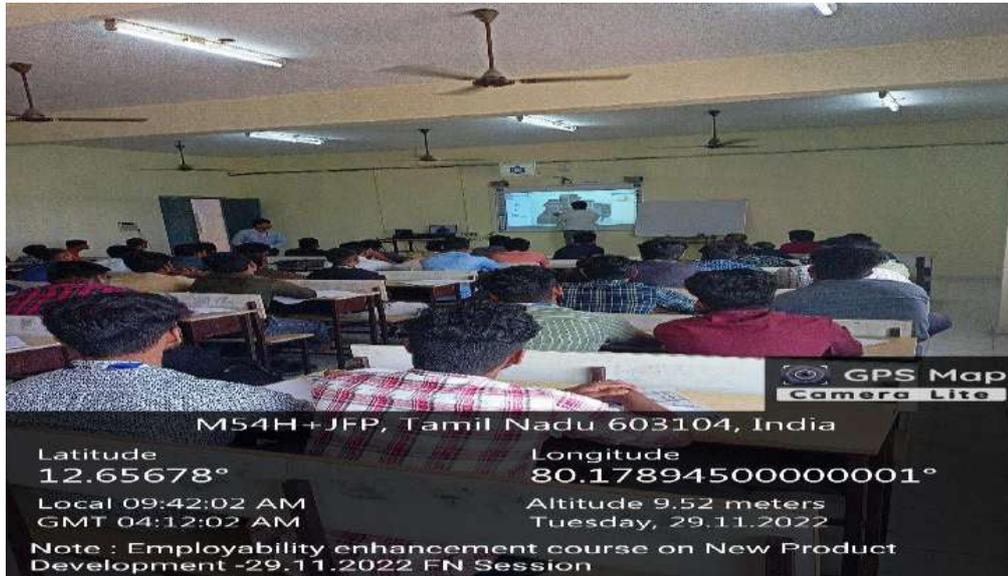


DAY 2 –29.11.2022

FORENOON SESSION: 9.00AM TO 12.00 PM

The session was started with assessment based on the content delivered previous day is handled by **Mr.Balaji.G**, Application Engineer from Kriatec Services Pvt Ltd. He has delivered the course content on

- New Product Development
- NPD of Turning Part
- NPD Turn-mill part,
- Fixture Design introduction.



AFTERNOON SESSION: 1.00 PM TO 3.00 PM

The second session was conducted by **Mr.Anirrudh Shrinaath**, Application Engineer from Kriatec Services Pvt Ltd. He has demonstrated the industrial fixture design with working model along with following topics

- New Product Development cycles
- Cost estimation
- Fixture Design
- Live demonstration of industrial fixture design



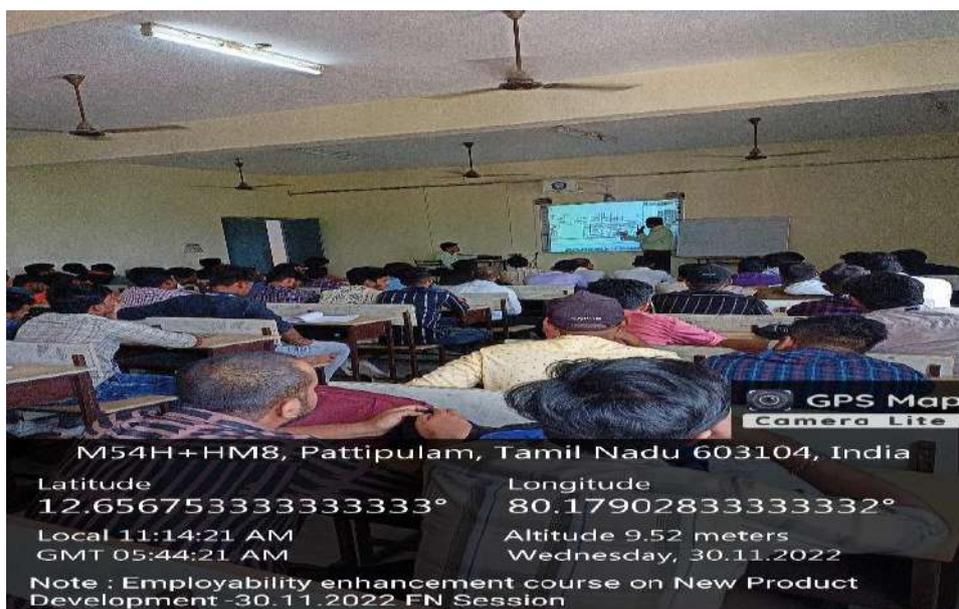
DAY 3 –30.11.2022

FORENOON SESSION: 9.00AM TO 12.00 PM

The session was started with assessment based on the content delivered in previous day is handled by **Mr.Alexander**, Senior Application Engineer from Kriatec Services Pvt Ltd. He has delivered the course content on

- Overview of NPD
- Geometric Dimensioning & Tolerance

- Industrial drawing study
- Various attributes in the Drawings and also clarified the doubts
- Development of New Product.



AFTERNOON SESSION: 1.00 PM TO 3.00 PM

The session was conducted by **Mr. Anirrudh Shrinaath**, Application Engineer from Kriatec Services Pvt Ltd. He has delivered the course content on

- Hands-on training
- Activities in Drawing Study
- NPD using Edgecam.



Final assessment was conducted through online.

Outcome:

The Course was conducted for the awareness of New Product development & Technologies available in various core mechanical industries, departments and job opportunities available in NPD Sector. The Students interacted with the Trainers regarding New product development and future scope.

The event was coordinated by **Mr. P.Kumaran, Asst. Prof Gr-II / Mech,**



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'A' Grade by NAAC



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28.11.2022 TO 30.11.2022 (15 Hours)

LIST OF STUDENTS ATTENDED

| S. NO. | REGISTER NUMBER | NAME OF THE STUDENT | YEAR |
|--------|-----------------|---------------------|---------|
| 1 | 3441873502 | ANEES | IV YEAR |
| 2 | 3441910501 | ABHAY VERMA | IV YEAR |
| 3 | 3441910502 | ABHINANDH LAL | IV YEAR |
| 4 | 3441910503 | AJAY KUMAR | IV YEAR |
| 5 | 3441910505 | AMIT KUMAR | IV YEAR |
| 6 | 3441910506 | ASHISH KUMAR | IV YEAR |
| 7 | 3441910509 | ASTLIN SAM S | IV YEAR |
| 8 | 3441910511 | BRAJESH KUMAR | IV YEAR |
| 9 | 3441910512 | BRAJESH KUMAR | IV YEAR |
| 10 | 3441910513 | DEVARJUN V S | IV YEAR |
| 11 | 3441910515 | GOBIND MAURYA | IV YEAR |
| 12 | 3441910517 | IRSHAD ANSARI | IV YEAR |
| 13 | 3441910520 | MANGAMPATLA PAVAN | IV YEAR |
| 14 | 3441910521 | MANISH KUMAR | IV YEAR |
| 15 | 3441910522 | MD ABDULLAH KHAN | IV YEAR |
| 16 | 3441910523 | MD JAFAR ALAM | IV YEAR |
| 17 | 3441910524 | MOHAMED RASHID A | IV YEAR |
| 18 | 3441910525 | NADEEM ALAM | IV YEAR |
| 19 | 3441910526 | NAUSHAD ALAM | IV YEAR |
| 20 | 3441910527 | NIRANJAN KUMAR | IV YEAR |
| 21 | 3441910529 | RAHUL KUMAR | IV YEAR |
| 22 | 3441910530 | RAHUL KUMAR | IV YEAR |
| 23 | 3441910532 | RAKESH KUMAR | IV YEAR |
| 24 | 3441910533 | RANJIT TIWARY | IV YEAR |
| 25 | 3441910536 | SANJEEV KUMAR | IV YEAR |
| 26 | 3441910539 | SHAIK RIYAZ | IV YEAR |
| 27 | 3441910543 | VIKASH KUMAR SINGH | IV YEAR |
| 28 | 3442020502 | NITHISH S | IV YEAR |
| 29 | 3442020503 | RAKESH M | IV YEAR |
| 30 | 3442020504 | UDHAYAKUMAR J | IV YEAR |
| 31 | 3442020505 | YOGESHWARAN D | IV YEAR |
| 32 | 3442054501 | DEEPAK P V | IV YEAR |

| | | | |
|----|------------|-------------------------|----------|
| 33 | 3442155501 | AMAL S | IV YEAR |
| 34 | 3442155502 | DIAZ K BIJU | IV YEAR |
| 35 | 3442155503 | JITHIN Y OOMMEN | IV YEAR |
| 36 | 3442156501 | AMAL SANTHOSH | IV YEAR |
| 37 | 3442156502 | ANANDHU K RAGHUNATHAN | IV YEAR |
| 38 | 3442156503 | ARJUN GIRISH | IV YEAR |
| 39 | 3442156504 | AROMAL K S | IV YEAR |
| 40 | 3442156505 | JERIN MATHEW THOMAS | IV YEAR |
| 41 | 3442156506 | JISHNU RAJU | IV YEAR |
| 42 | 3442156507 | MELWIN P EBIN | IV YEAR |
| 43 | 3442156508 | MIDHUN SHAJI | IV YEAR |
| 44 | 3442156509 | RIBO JOHN ABRAHAM | IV YEAR |
| 45 | 3482 | SHAIQUE FAREEDH BABU | IV YEAR |
| 46 | 3489 | VENKATESHAN G | IV YEAR |
| 47 | 3626 | ATHUL JOHNSON | IV YEAR |
| 48 | 3723 | JACOB ALEXANDER PHILIP | IV YEAR |
| 49 | 3739 | NUKA NAGA PRASAD REDDY | IV YEAR |
| 50 | 3746 | ADARSH R S | IV YEAR |
| 51 | 3817 | PRATHYUSH PREMARAJAN | IV YEAR |
| 52 | 3818 | SAURAG R | IV YEAR |
| 53 | 3821 | ASHISH SEBASTIAN | IV YEAR |
| 54 | 3830 | DHEERAJ S | IV YEAR |
| 55 | 3831 | ASWANTH S P | IV YEAR |
| 56 | 3917 | SAJAD S | IV YEAR |
| 57 | 3939 | SURYAPRAKASH T | IV YEAR |
| 58 | 3941 | MUHAMMED P | IV YEAR |
| 59 | 3952 | ASHISH VARGHESE | IV YEAR |
| 60 | 3965 | MOHAMMED NAMEER | IV YEAR |
| 61 | 3966 | AMALJITH BIJU | IV YEAR |
| 62 | 3973 | ADAM JOSEPH CHIYEZHAN | IV YEAR |
| 63 | 3974 | SIDHARTH K R | IV YEAR |
| 64 | 3976 | HISHAM KARIM | IV YEAR |
| 65 | 3981 | AKSHAY PRADEEP | IV YEAR |
| 66 | 3991 | AKHIL CHANDRAN | IV YEAR |
| 67 | 3999 | YADHUKRISHNA SURESH | IV YEAR |
| 68 | 4002 | MUHAMMAD SALIH K | IV YEAR |
| 69 | 3441915531 | SANTHOSH | III YEAR |
| 70 | 3442010501 | ABHIMANYU SINGH | III YEAR |
| 71 | 3442010504 | AKASH KUMAR | III YEAR |
| 72 | 3442010506 | CHANDAN KUMAR | III YEAR |
| 73 | 3442010507 | GOPIKRISHNA H | III YEAR |
| 74 | 3442010511 | PONNARASU S | III YEAR |
| 75 | 3442010512 | RANJAN KUMAR MANDAL | III YEAR |
| 76 | 3442010514 | SARANRAJ P | III YEAR |
| 77 | 3442010515 | THARUN KUMAR S | III YEAR |
| 78 | 3442010516 | UDHAYAM K | III YEAR |
| 79 | 3442010517 | VASANTHRAJ R | III YEAR |
| 80 | 3442010518 | VIGNESH R | III YEAR |
| 81 | 3442010520 | YEDDULA DEEKESWAR REDDY | III YEAR |
| 82 | 3442120501 | BALAJI A | III YEAR |
| 83 | 3442120502 | BALAJI P | III YEAR |

| | | | |
|-----|------------|----------------------|----------|
| 84 | 3442120504 | GOKUL T | III YEAR |
| 85 | 3442120505 | GOVARATHAN P | III YEAR |
| 86 | 3442120506 | MADHAN RAJ L | III YEAR |
| 87 | 3442120507 | MANIKANDAN M | III YEAR |
| 88 | 3442120508 | MOHAMED RIYAS KHAN S | III YEAR |
| 89 | 3442120510 | NIRMAL KUMAR M | III YEAR |
| 90 | 3442120511 | SANJAY KRISHNAN K | III YEAR |
| 91 | 3442120516 | SUGUMAR B | III YEAR |
| 92 | 3442120517 | TAMIL SELVAN C | III YEAR |
| 93 | 3442120518 | THARUN R | III YEAR |
| 94 | 3442120519 | VASEEM RAHUMAN A | III YEAR |
| 95 | 3442120520 | VIGNESH S | III YEAR |
| 96 | 3442120521 | VIGNESH V | III YEAR |
| 97 | 3442120522 | VIJAYAKUMAR A | III YEAR |
| 98 | 3442120523 | YUGENDRAN S | III YEAR |
| 99 | 3442154501 | VYSHNAV N R | III YEAR |
| 100 | 3001 | S ABIJITH | III YEAR |



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FEEDBACK FORM

AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
VINAYAKA MISSIONS RESEARCH FOUNDATION

AVIT/GLSFBP/29(c)

FEEDBACK FROM PARTICIPANTS

SEMESTER: ODD
DEPT : MECHANICAL ENGG.

ACADEMIC YEAR : 2022-2023
DATE: 30/11/2022

| | |
|---|--|
| Name of the Participant | Ashish Kumar |
| Prog., Branch, Sem & Sec (If Applicable) | BE Mechanical VII Sem |
| Designation & Organisation (If Applicable) | Student AVIT |
| Title of the Lecture / Seminar | New Product Development |
| Name of the Speaker(s) | Mr. Alexander, Mr. Balaji, Mr. Anirudh |
| Date & Time | 28/11/2022, 29/11/2022 and 30/11/2022 |
| Venue & Duration of Lecture | Digital room no. TBC 204, 15 hrs. |
| Feedback from Participant (Maximum Marks 5) | |
| 1. Communication | 4 |
| 2. Interaction | 5 |
| 3. Presentation | 4 |
| 4. Content | 5 |
| 5. Learning Value | 5 |
| Total | 23 |
| Any other Suggestions | We want more session. |
| Signature of the Participant | Ashish Kumar |

Reviewed by Faculty In charge

[Signature]
HOD

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VINAYAKA MISSIONS RESEARCH FOUNDATION

AVIT/GLSFBP/29(c)

FEEDBACK FROM PARTICIPANTS

SEMESTER: ODD
DEPT : MECHANICAL ENGG.

ACADEMIC YEAR :2022-2023
DATE: 30/11/2022

| | |
|---|--|
| Name of the Participant | VIKASH KUMAR SINGH |
| Prog., Branch, Sem & Sec (If Applicable) | B.E, mech&VTSEM |
| Designation & Organisation (If Applicable) | |
| Title of the Lecture / Seminar | Employability Enhancement course on New product development |
| Name of the Speaker(s) | Bala Ji's sir, Alexander Sir. |
| Date & Time | 28/11/2022, 29/11/2022, 30/11/22 |
| Venue & Duration of Lecture | Digital class room (mechanical) |
| Feedback from Participant (Maximum Marks 5) | |
| 1. Communication — 4 5 | |
| 2. Interaction — 4 | |
| 3. Presentation — 4 | |
| 4. Content — 4 | |
| 5. Learning Value — 5 | |
| Total — 25 | |
| Any other Suggestions | This course very helpful for me in future. Thank you. |
| Signature of the Participant | Vikash kumar singh |

Reviewed by Faculty In charge

[Signature]
HOD

AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
VINAYAKA MISSIONS RESEARCH FOUNDATION

AVIT/GLSFBS/29(b)

FEEDBACK FROM SPEAKER

SEMESTER: ODD
DEPT : MECHANICAL ENGG.

ACADEMIC YEAR :2022-2023
DATE: 30/11/2022

| | |
|--------------------------------|---|
| Name of the Speaker | S. Anirudh Shrinath |
| Designation & Organization | Application Engineer, Krialze |
| Title of the Lecture / Seminar | NPD using Edgcam |
| Date & Time | 28-30 November 2022 (9:00-3:30) |
| Venue | AVIT, |
| Beneficiary | III and Final year students |
| Duration of the Lecture | 3 days |
| Suggestions of Speaker | The students were friendly, inquisitive and had showed good learning ability & interest |
| Signature | Anirudh Shrinath |

Reviewed by Faculty In charge

[Signature]
HOD

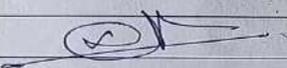
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VINAYAKA MISSIONS RESEARCH FOUNDATION

AVIT/GLSFBS/29(b)

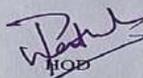
FEEDBACK FROM SPEAKER

SEMESTER: ODD
DEPT : MECHANICAL ENGG.

ACADEMIC YEAR :2022-2023
DATE:

| | |
|--------------------------------|--|
| Name of the Speaker | ALEXANDER S. |
| Designation & Organisation | Proprietor W&W Engineering |
| Title of the Lecture / Seminar | New Product development & Drawing Study |
| Date & Time | 28/11/2022 - 30/11/2022 |
| Venue | Digital class room. |
| Beneficiary | 2 nd & 4 th year students. |
| Duration of the Lecture | 3 days. |
| Suggestions of Speaker | allot more seminars & Basic skills of engineering |
| Signature |  |

Reviewed by Faculty In charge


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