

2019

EDII-TN

TANSIM



REPORT ON
TRAIN THE TRAINERS PROGRAMME
CHENNAI – 28.05.2019

CONCEPTUALIZED AND ORGANIZED IN PARTNERSHIP WITH



TAMILNADU INNOVATORS | இளம் CHALLENGE

Tamil Nadu Ilam Innovators Challenge (TNIIC) is being organized by TANSIM/EDII-TN with Startups MADIEE, Infinite Engineers, Warhorse, Pi Jam Foundation, SP Robotic Works, GetSet Ventures and E21 -IITM, with the objective to nurture innovation at grassroot levels and to inculcate 21st Century skills in School Students.

Stages of TNIIC 2019

1. Train the Trainers Programmes at Chennai, Coimbatore, Madurai & Trichy.
2. Stage I – Selection at each Educational District of Tamil Nadu
3. Stage II – 4-Day Residential Workshop at 5 Regions/Hubs (Chennai, Coimbatore, Madurai, Trichy and Thirunelveli)
(District Level Awards of Rs 10,000 each will be given to 15 best school teams)
4. Stage III – State Level Pitch (State Level Fellowship Awards of Rs1,00,000 each to 5 Winning School Teams)

About the TTT Programme:

TTT Programme (1 Day) will be held in 4 Regions – Chennai, Madurai, Trichy and Coimbatore (50-60 Participants/Batch) with the help of IEDP Hubs. The E-Cell Members of Engineering, Arts & Science background, will be requested to register as participants of the programme. They will be assigned the role of District Captain/E-Leader for each Educational District.

In the TTT Programme, the District Captains/E-Leaders will be trained on how to motivate, inspire innovation and mentor school students during the course of the Programme. The District Captains will then facilitate the Gamified Selection Process with STEM background i.e Stage 1 of Tamil Nadu Junior/Ilam Innovators Challenge in their own educational district and select the best 3 out of 10 teams for Stage 2.

INAUGURAL SESSION:

The First TTT Programme of the TNIIC Challenge 2019 was held at EDII, Chennai on 28th May, 2019 from 10:00 AM to 5:30 PM. TANSIM/EDII-TN team invited the Director, Directorate of School Education to be Guest of Honour for the Inaugural Session. The Director was not able to attend the session because of Secretarial Duties. On behalf of the Director, Joint Director (NSS), Th. M.Vasu and District Educational Officer, Th. J.P.Sundarraj attended the session.



Tmt.R.V.Shajeevana, Additional Director, EDII-TN, Th. R.Shivashankar, Deputy Director (PMO), EDII-TN, Startup CEOs and Cofounders of MADIEE, Infinite Engineers, Warhorse and GetSet Ventures presided over the session. A Total of 47 Participants attended the TTT programme.



Tmt. R.V.Shajeevana ,Additional Director,EDII-TN delivered the welcome address and explained the significance of the Tamil Nadu Ilam Innovators Challenge and the role of each of the participants.



Th.M.Vasu, Joint Director (NSS), Directorate of School Education Department, Chennai, delivered the Inaugural Address and reiterated that the govt. is taking multiple efforts in putting Innovation as a priority in our education system.

He has given a humble yet inspiring speech to the participants.

Following the Inaugural Address, Th.M.A.Aravind, Co-Founder, Infinite Engineers addressed the participants with the plan of action for the day and the training schedule.



Presentation of Memento:

Tmt. R.V.Shajeevana, Additional Director presented the Mementos to Joint Director, Directorate of School Education and the District Educational Officer of Chennai.



TRAIN THE TRAINERS - TECHNICAL SESSION

The Participants were divided into two batches, where in the Batch 1 is trained by Mr.Arvind.M.A and Mr.Vimal Kumar.V from **Infinite Engineers** in the Smart Class Room, EDII and Batch 2 is trained by Mr.Sidhaanth Dharmadheeran and Mr.Sarath from **Warhorse** in Kaveri Training Hall, EDII.

Trainer's Website and Info:

<https://warhorse.in/#/> and <http://infiniteengineers.in/>

Also, MADIEE - <https://madiee.com/v2/> GETSET Ventures -<https://getset.co.in/E21> – IIT Madras E-Cell

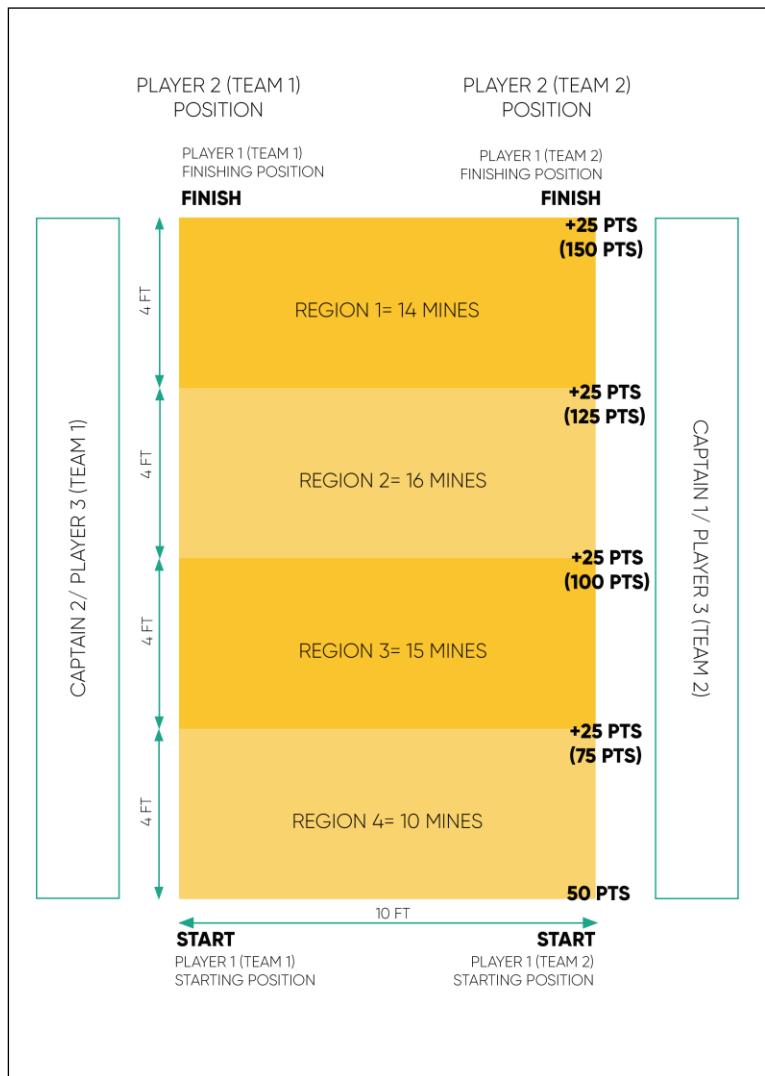


The technical sessions for each batch started with the **Ice Breaker Sessions – Start- Stop – Clap – Snap** Ice Breaker Module to engage the participants.

This is an activity based on "Simon Says" game, where the trainer will instruct the participants to Start Stop Clap and Snap and start mixing up the instructions and reverse them. The last one standing will be deemed the winner.

Minefield : Test of Communication and Collaboration





The teams were scored based on their performance, communication skills, collaboration and critical thinking.

The Deck of Playing Cards on the floor, represents the Mines/Traps. The Mines will be set up by the instructor and in some cases, will be set up by the other teams as well.

In each time, one person will be blindfolded and will be guided by the other team member to move through the mines.

Those who successfully cross the minefield will be awarded the most points, which can be cashed in to buy materials for the STEM Build the Catapult Challenge.



Following the Minefield Game, the participants were given material request sheets, in which they can mark the materials they need to build the catapult. The credit scores earned during the game can be cashed in to purchase extra materials. They were given time to design their catapult models and have made sketches and calculations.

Catapult Challenge STEM: Distance Test and Accuracy Test



Evaluation Sheet –

1. Ice Breaker – None
2. Mine Field – Communication and Collaboration
3. Worksheet – Catapult Planning – Imagination, Creativity, Innovation and Planning.
4. Catapult Building – Execution, Team Work, Resource Utilization
5. Test Run - Public Speaking, Confidence, on-the-spot thinking, body language and expression.

The participants were called to the centre stage to speak about themselves, how they would conduct the Stage 1 in schools and address the students. They were evaluated on their ability to talk and to express themselves.

The Technical Training Session concluded with debriefing about the events, discussing the plan of action for the District Captains and a very inspiring speech about Innovation and its importance right from School Levels.

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TNIIC 2019 - TTT Programme – Chennai – 28.05.2019 – District Captains

2019

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AU-TRICHY



TRAIN THE TRAINERS PROGRAMME

TIRUCHIRAPALLI – 11.06.2019

ANNA UNIVERSITY – BIT CAMPUS



CONCEPTUALIZED AND ORGANIZED IN PARTNERSHIP WITH



Tamil Nadu Ilam Innovators Challenge (TNIIC) is being organized by TANSIM/EDII-TN with Startups MADIEE, Infinite Engineers, Warhorse, Pi Jam Foundation, SP Robotic Works, GetSet Ventures and E21 -IITM, with the objective to nurture innovation at grassroot levels and to inculcate 21st Century skills in School Students.

Stages of TNIIC 2019

1. Train the Trainers Programme at Chennai, Coimbatore, Madurai & Trichy.
2. Stage I – Selection at each Educational District of Tamil Nadu
3. Stage II – 4-Day Residential Workshop at 5 Regions/Hubs (Chennai, Coimbatore, Madurai, Trichy and Thirunelveli)
(District Level Awards of Rs 10,000 each will be given to 15 best school teams)
4. Stage III – State Level Pitch (State Level Fellowship Awards of Rs1,00,000 each to 5 Winning School Teams)

About the TTT Programme:

TTT Programme (1 Day) will be held in 4 Regions – Chennai, Madurai, Trichy and Coimbatore (50-60 Participants/Batch) with the help of IEDP Hubs. The E-Cell Members of Engineering, Arts & Science background, will be requested to register as participants of the programme. They will be assigned the role of District Captain/E-Leader for each Educational District.

In the TTT Programme, the District Captains will be trained on how to motivate, inspire innovation and mentor school students during the course of the Programme. The District Captains will then facilitate the Gamified Selection Process with STEM background i.e Stage 1 of Tamil Nadu Ilam Innovators Challenge in their own educational district and select the best 3 out of 10 teams for Stage 2.

INAUGURAL SESSION:

As part of the Tamil Nadu Ilam Innovators Challenge 2019, the Second Train The Trainers (TTT) Programme was organized at Anna University -BIT Campus, Tiruchirapalli on 11.06.2019 by ED Cell of AU-BIT Campus, EDII-TN and partnering start-ups as Trainers and Facilitators.



Th. M.Ramakrishnan, Chief Educational Officer, Tiruchirapalli was invited as the Guest of Honour. The Inaugural Session started with prayers to the almighty and lighting the ceremonial lamp. Dr. K.Kumaraguru, Hub Coordinator, IEDP Trichy Hub, delivered the welcome address and felicitated the Guest of Honour with a Memento.



Th. M.Ramakrishnan, CEO, Tiruchirapalli was invited to delivered the Presidential Address to the participants who will be trained to become the District Captains. The CEO has appreciated the efforts of TANSIM / EDII-TN and Anna University – BIT Campus, Tiruchirapalli in promoting innovation and entrepreneurship in Colleges and in Schools across the State of Tamil Nadu. The participants were motivated with the speech and were duly informed of the responsibilities that they now hold as district captains, with them being the change makers.



A Total of 65 Participants attended the TTT programme.



Following the Presidential Address, Th. V. Anburaja, Training Coordinator, EDII-TN was invited to address the gathering about the Programme, wherein, details about the conceptualizing of the programme and the partnering start-ups were discussed and reiterated that the District Captains are the real Captains of the Tamil Nadu Ilam Innovators Challenge 2019. The vote of thanks was delivered by Th. M. Vinod, Field Coordinator, Anna University BIT Campus, IEDP Trichy Hub.



TRAIN THE TRAINERS - TECHNICAL SESSION

The participants were requested to assemble at the Dr. A.P.J.Abdul Kalam Auditorium for the Technical Session handled by Th. Sidhaanth Dharamadheeran and Th. Akshay Bharadwaj of Warhorse Chennai. The materials and kits were organized by team Infinite Engineers, Chennai.

Trainer's Website and Info:

<https://warhorse.in/#/> and <http://infiniteengineers.in/>

Also, check out MADIEE - <https://madiee.com/v2/> GETSET Ventures - <https://getset.co.in/> and E21 – IIT Madras E-Cell



The technical session started with the **Ice Breaker Sessions - Start- Stop - Clap - Snap** Ice Breaker Module to engage the participants.

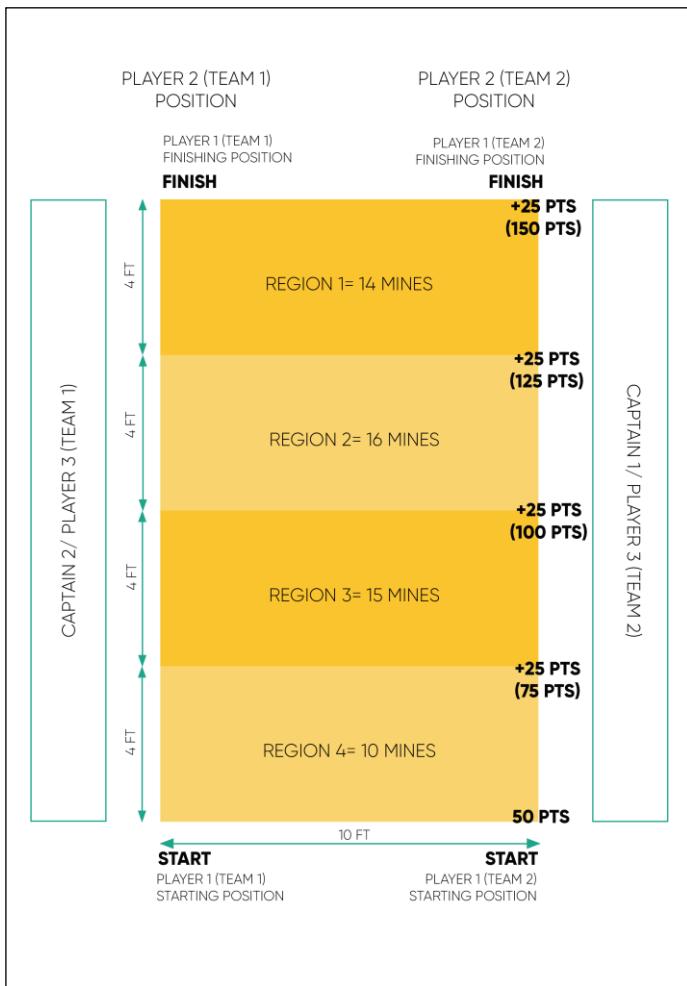
This is an activity based on "Simon Says" game, where the trainer will instruct the participants to Start Stop Clap and Snap and start mixing up the instructions and reverse them. The last one standing will be deemed the winner. Four rounds of games were played before the participants were introduced to MINEFIELD.

The Participants were split into 16 teams of 4 Nos. each to simplify the process of conducting the Minefield Game.

Minefield : Test of Communication and Collaboration:

The teams were scored based on their performance, communication skills, collaboration and critical thinking. Usually the Deck of Playing Cards on the floor represents the Mines/Traps.

In Trichy, Plastic Chairs were placed in a 4×12 Model – (8 ft x 24 ft) as Mines / Traps. Mines will be set up by the instructor initially and in all other cases, will be set up by the other teams.



In each team, one person will be blindfolded and will be guided by the other team member to move through the mines.

Two Rounds of Minefield were conducted and the cumulative scores of each team were calculated.

Those who successfully cross the minefield were awarded 150 points, which can be cashed in to buy materials for the STEM Build the Catapult Challenge.

Time Limit of 1 Minute 30 Seconds is given to each team. Bonus points were awarded for those who finished the entire game in 30 Seconds.





Following the Minefield Game, the participants were given material request sheets, in which they can mark the materials they need to build the catapult.

The credit scores earned during the game can be cashed in to purchase extra materials. They were given time to design their catapult models and have made sketches and calculations.



The challenge evaluates the creativity, application of STEM, Planning and Execution aspects of the team and individuals. Following the Challenge will be two tests

1. Test for Accuracy
2. Test for Range

The same model will be used for both the tests. Best of Three Trials will be considered for Scoring.

Catapult Challenge STEM: Range and Accuracy Test



Evaluation Sheet –

1. Ice Breaker – None
2. Mine Field – Communication and Collaboration
3. Worksheet – Catapult Planning – Imagination, Creativity, Innovation and Planning.
4. Catapult Building – Execution, Team Work, Resource Utilization
5. Test Run - Public Speaking, Confidence, on-the-spot thinking, body language and expression.

The participants were called to the centre stage to speak about themselves before the Catapult Tests, to test on how they would conduct the Stage 1 in schools and address the students. They were evaluated on their ability to talk and to express themselves.

The Technical Training Session concluded with debriefing about the events, discussing the plan of action for the District Captains.

TRICHY ZONE/HUB - 8 Districts - 11 Educational Districts		
Note: Villages/Towns/Cities which are located near the above mentioned areas under each Educational District are also included.		
TRICHY	Educational District Trichy	Trichy, Musiri, Lalgudi, Srirangam, Manapparai
KARUR	Educational District Karur	Karur, Kulithalai
THANJAVUR	Educational District 1 Thanjavur	Thanjavur, Orathanadu, Pattukottai
	Educational District 2 Kumbakonam	Kumbakonam, Patteeswaram
NAGAPATTINAM	Educational District 1 Nagapattinam	Nagapattinam, Velankanni
	Educational District 2 Velankanni	Mayiladuthurai, Sirkazhi, Poompuhar
THIRUVARUR	Educational District Thiruvarur	Thiruvarur, Mannargudi
PERAMBALUR	Educational District Perambalur	Perambalur, Veppur
ARIYALUR	Educational District Ariyalur	Ariyalur, Udayarpalayam, Sendurai
CUDDALORE	Educational District 1 Cuddalore	Cuddalore, Panruti, Pallur, Manapakkam
	Educational District 2 Chidambaram	Chidambaram, Vadalur, Neyveli, Viruthachalam



Closing Ceremony -

Hub Coordinator, Tirichirapalli Hub thanked the participants for their active and enthusiastic performance and made the stage available for Feedback session.

Feedback received –

- The participants requested the Trainer's Manual Content in Tamil as well as in English.
- There were few participants who understood the reason behind each of the Gamified Modules in the Train-the-Trainers Programme. But requested Videos and Animations to engage the participants even more.
- E-Cell Activities may be supported even more by EDII-TN and guide them to how to conduct a programme in their campus.

Felicitation to Trainers -



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TNIIC 2019 - TTT Programme – Trichy – 11.06.2019 – District Captains

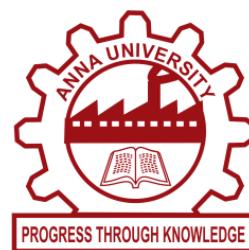
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AU-RCT

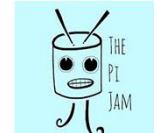


TRAIN THE TRAINERS PROGRAMME TIRUNELVELI – 02.07.2019

AU-RCT IEDP HUB



CONCEPTUALIZED AND ORGANIZED IN PARTNERSHIP WITH



About TNIIC 2019:

Tamil Nadu Ilam Innovators Challenge (TNIIC) is being organized by TANSIM/EDII-TN with Startups MADIEE, Infinite Engineers, Warhorse, Pi Jam Foundation, SP Robotic Works, GetSet Ventures and E21 -IITM, with the objective to nurture innovation at grassroot levels and to inculcate 21st Century skills in School Students.

Stages of TNIIC 2019

1. Train the Trainers Programme at Chennai, Coimbatore, Madurai, Trichy & Tirunelveli
2. Stage I – Selection at each Educational District of Tamil Nadu
3. Stage II – 4-Day Residential Workshop at 5 Zones / Hubs (Chennai, Coimbatore, Madurai, Trichy and Thirunelveli)
(District Level Awards of Rs 10,000 each will be given to 15 best school teams)
4. Stage III - State Level Pitch (State Level Fellowship Awards of Rs1,00,000 each to 5 Winning School Teams)

About the TTT Programme:

TTT Programme (1 Day) will be held in 5 Regions – Chennai, Madurai, Trichy, Tirunelveli and Coimbatore (50-60 Participants/Batch) with the help of IEDP Hubs. The E-Cell Members of Engineering, Arts & Science background, will be requested to register as participants of the programme. They will be assigned the role of District Captain/E-Leader for each Educational District.

In the TTT Programme, the District Captains will be trained on how to motivate, inspire innovation and mentor school students during the course of the Programme. The District Captains will then facilitate the Gamified Selection Process with STEM background i.e Stage 1 of Tamil Nadu Ilam Innovators Challenge in their own educational district and select the best 3 out of 10 teams for Stage 2.

INAUGURAL SESSION:

As part of Tamil Nadu Ilam Innovators Challenge 2019, Train The Trainers (TTT) Programme was organized at Anna University – Regional Campus, Tirunelveli on 02.07.2019 by AURCT IEDP Hub, TANSIM / EDII-TN and the partnering start-ups as Trainers and Facilitators.

Agenda – 10:00 A.M to 10:30 AM

Welcome Address	-	Dr. S. Silas Sargunam, Deputy Director(Affiliations) Hub Coordinator, AURCT- IEDP Hub
Inaugural Address	-	Dr. P.Sureshkumar, Dean, AURCT
About the Programme	-	Th. V.Anburaja, Training Coordinator, EDII-TN
Felicitation Address	-	Th. M.A.Aravind Co-Founder, Infinite Engineers



Dr. Silas Sargunam, AURCT IEDP Hub Coordinator, delivered the welcome address emphasizing on the importance of Catching them Young.

He has appreciated the efforts EDII-TN is taking towards planting the seeds of Innovation and Entrepreneurship in school level. He then pointed out that the participants who will be trained to become the District Captains, play a very important role in the success of the programme – by helping the school students through their journey of Innovation.

Dr.P.Sureshkumar, Dean, AURCT, was invited to be the Guest of Honour, and was requested to deliver the Inaugural Address.

The dean has spoken elaborately on the importance of Entrepreneurship in the present day and appreciated that the Train the Trainers programme focussing on College Students to be the mentors and trainers for School Students as a very noble idea. Giving a real time example of how Rahul Dravid coached the current Under 19 Indian Cricket Team to Success, he has wished the District Captains to be the Coach like Rahul Dravid to the School Students.



The Dean also expressed that Entrepreneurial skills are the need of the hour, wherein the courage to take the risk is what differentiates the winners.

A Total of 62 Participants – College Students from Tirunelveli, Tuticorin, Kanyakumari, Ramanathapuram and Virudhunagar Districts attended the event.





Following the Inaugural Address, **Th. V. Anburaja, Training Coordinator, EDII-TN** was invited to address the gathering about the Programme, wherein, details about the conceptualizing of the programme and the partnering start-ups were discussed and reiterated that the District Captains are the real Captains of the Tamil Nadu Ilam Innovators Challenge 2019. Special attention was given to the various programmes organized by EDII-TN and schemes which will benefit the College Students in shaping their careers.

Th. M.A.Aravind, Cofounder, Infinite Engineers, was invited to deliver the Felicitation Address. He has briefly spoken about the journey Infinite Engineers has been through and their objective of making a difference in the field of education today.

Thanking the Dean and AU-RCT IEDP Hub Coordinator, he has detailed about the importance of the role that the participants will play in shaping the innovation of School Students.



Dr. P.Sureshkumar, Dean, AU-RCT felicitated Th. Anbu Raja.V and Infinite Engineers Team with a Fruit Basket, as a token of love and appreciation.

After which the stage was left to Team Infinite Engineers, Th. M.A.Aravind and Th. V.Vimal Kumar to start the Technical Session.

TRAIN THE TRAINERS - TECHNICAL SESSION

Team Infinite Engineers, Th.Aravind.M.A and Th. Vimal Kumar.V, handled the training of the 62 participants, who attended the programme.

Trainer's Website and Other Info:

<https://warhorse.in/#/> and <http://infiniteengineers.in/>

Also, check out MADIEE - <https://madiee.com/v2/> GETSET Ventures - <https://getset.co.in/> and E21 – IIT Madras E-Cell

Ice Breaker Session:

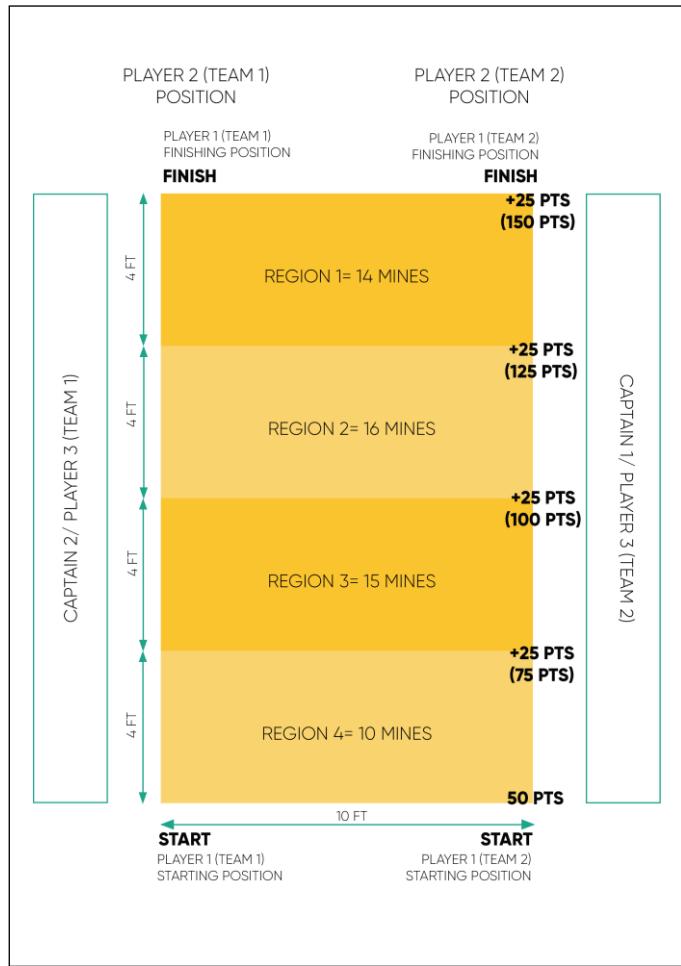


The technical session started with the **Ice Breaker Session** to engage the participants and ease them

The Participants then were split into 21 teams of 3 Nos. each to conduct the Minefield Game.

Minefield : Test of Communication and Collaboration:

The teams were scored based on their performance, communication skills, collaboration and critical thinking. The Deck of Playing Cards were placed on the floor and it represents the Mines/Traps.



In each team, one person will be blindfolded and will be guided by the other team member to move through the mines.

Those who successfully cross the minefield were awarded 150 points, which can be cashed in to buy materials for the STEM Challenge - Build the Catapult.

Time Limit of 2 Minutes was given to each team. Bonus points were awarded for those who finished the entire game in 30 Seconds.

Team 1 and Team 21 were called out to start the minefield game from the diagonal opposite ends of the mapped out zone. Likewise, all the teams played the game and then the trainers explained



Following the Minefield Game, the participants were given material request sheets, in which they can mark the materials they need to build the catapult. The credit scores earned during the game can be cashed in to purchase extra materials. They were given time to design their catapult models and have made sketches and calculations.



The challenge evaluates the creativity, application of STEM, Planning and Execution aspects of the team and individuals. Following the Challenge will be two tests

1. Test for Accuracy
2. Test for Range

The same model will be used for both the tests. Best of Three Trials will be considered for Scoring.

Catapult Challenge STEM: Range and Accuracy Test



Evaluation Sheet –

1. Ice Breaker – None
2. Mine Field – Communication and Collaboration
3. Worksheet – Catapult Planning – Imagination, Creativity, Innovation and Planning.
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The participants were called to the centre stage to speak about themselves before the Catapult Tests, to test on how they would conduct the Stage 1 in schools and address the students. They were evaluated on their ability to talk and to express themselves.



The Technical Training Session concluded with debriefing about the events, discussing the plan of action for the District Captains.

TIRUNELVELI ZONE/HUB - 5 Districts - 9 Educational Districts		
Note: Villages/Towns/Cities nearby the mentioned areas are also included.		
RAMANATHAPURAM	Educational District Ramanathapuram	Ramanathapuram, Paramakudi
TIRUNELVELI	Educational District 1 Tirunelveli	Tirunelveli, Cheranmahadevi, Valliyur
	Educational District 2 Tenkasi	Tenkasi, Sankarankoil, Courtallam
KANIYAKUMARI	Educational District 1 Kaniyakumari	Kaniyakumari, Nagercoil
	Educational District 2 Kuzhiturai	Kuzhithurai, Thiruvattaru, Takkalai
VIRUDHUNAGAR	Educational District 1 Virudhunagar	Virudhunagar, Aruppukkottai
	Educational District 2 Sivakasi	Sivakasi, Srivilliputur
THOOTHUKUDI	Educational District 1 Thoothukudi	Thoothukudi, Thiruchendur
	Educational District 2 Kovilpatti	Kovilpatti

The District Captains will be allocated their Districts post the announcement of Results by the Trainers. Stage 1 of TNIIC will be conducted accordingly, once the district captains are allocated and the registration of schools is done.



TNIIC 2019 - TTT Programme – Tirunelveli – 02.07.2019 – District Captains

2019

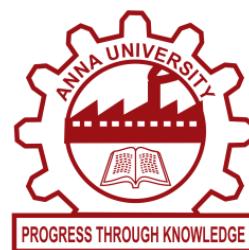
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AU-RCC



TRAIN THE TRAINERS PROGRAMME

COIMBATORE – 12.07.2019

AU-RCC IEDP HUB



CONCEPTUALIZED AND ORGANIZED IN PARTNERSHIP WITH



GETSET VENTURES

Tamil Nadu Ilam Innovators Challenge (TNIIC) is being organized by TANSIM/EDII-TN with School Education Department and Startups MADIEE, Infinite Engineers, Warhorse, Pi Jam Foundation, SP Robotic Works, GetSet Ventures and E21 –IITM, with the objective to nurture innovation at grassroot levels and to inculcate 21st Century skills in School Students.

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1. Train the Trainers Programme at Chennai, Coimbatore, Madurai, Trichy & Tirunelveli
2. Stage I – Selection at each Educational District of Tamil Nadu
3. Stage II – 4-Day Residential Workshop at 5 Zones / Hubs (Chennai, Coimbatore, Madurai, Trichy and Thirunelveli)
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About the TTT Programme:

TTT Programme (1 Day) will be held in 5 Regions – Chennai, Madurai, Trichy, Tirunelveli and Coimbatore (50-60 Participants/Batch) with the help of IEDP Hubs. The E-Cell Members of Engineering, Arts & Science background, will be requested to register as participants of the programme. They will be assigned the role of District Captain/E-Leader for each Educational District.

In the TTT Programme, the District Captains will be trained on how to motivate, inspire innovation and mentor school students during the course of the Programme. The District Captains will then facilitate the Gamified Selection Process with STEM background i.e Stage 1 of Tamil Nadu Ilam Innovators Challenge in their own educational district and select the best 3 out of 10 teams for Stage 2.

INAUGURAL SESSION

As part of Tamil Nadu Ilam Innovators Challenge 2019, Train The Trainers (TTT) Programme was organized at Anna University – Regional Campus, Coimbatore on 12.07.2019 by AURCC IEDP Hub, TANSIM / EDII-TN and the partnering start-ups as Trainers and Facilitators.

Agenda – 10:15 A.M to 11:00 AM

Welcome Address	-	Dr. K.Kandavel, Hub Coordinator, AURCC- IEDP Hub
About the Programme	-	Th. V.Anburaja, Training Coordinator, EDII-TN
Trainers	-	Th. M.A.Aravind and Th. V.Vimal Kumar Infinite Engineers

Dr.S.V.Manisekaran, Assistant Professor, IT Department presided over the session



Dr.K.Kandavel, AURCC IEDP Hub Coordinator, delivered the welcome address emphasizing on the importance of keeping up with 21st Century Skills and Trends. He has eloquently explained with several examples about the importance of Entrepreneurial Skills in each and everyone's career. He has appreciated the efforts EDII-TN is taking towards planting the seeds of Innovation & Entrepreneurship in the State at both College and School Levels.

He then pointed out that the participants who will be trained to become the District Captains, play a very important role in the success of the

programme, helping the school students through their journey of Innovation.

A Total of 51 Participants – Students from Coimbatore, Nilgiris, Tiruppur, Erode, Namakkal District Colleges attended the event.



Dr.K.Kandavel, Hub Coordinator, IEDP HUB AU-RCC, in detail spoke about the various activities Entrepreneurship Development and Innovation Institute, Tamil Nadu (EDII-TN) along with AU RCC Hub has done so far in training the college students and inculcating the entrepreneurial skills in them. Now, for the first time, EDII-TN is taking an initiative to spread its culture of Innovation amongst the School Students of Tamil Nadu.

Following the Welcome Address, **Th. V. Anburaja, Training Coordinator, EDII-TN** addressed the gathering about the Programme, wherein, details about the conceptualizing of the programme and the partnering start-ups were discussed and reiterated that the District Captains are the real Captains of the Tamil Nadu Ilam Innovators Challenge 2019.

Special Mention and gratitude was expressed towards Dr. K.Kandavel, Hub



Coordinator, IEDP AU-RCC Hub, Field Coordinators Th. Rajkumar and Tmt.Saranya for organizing the Train The Trainers Programme and appreciated their efforts in making Coimbatore one of the Best Hubs of IEDP.



TRAIN THE TRAINERS - TECHNICAL SESSION

Team Infinite Engineers, Th.Aravind.M.A and Th. Vimal Kumar.V, handled the training of the 51 participants, who attended the programme.

Trainer's Website and Other Info:

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Also, check out MADIEE - <https://madiee.com/v2/> GETSET Ventures - <https://getset.co.in/> and [E21 – IIT Madras E-Cell](#)

Ice Breaker Session:



The technical session started with the **Ice Breaker Session** to engage the participants and ease them into the programme.

The Participants then were split into 17 teams of 3 Nos. each to conduct the Minefield Game.



Minefield: Test of Communication and Collaboration

The teams were scored based on their performance, communication skills, collaboration and critical thinking. The Deck of Playing Cards was placed on the floor and it represents the Mines/Traps.



In each team, one person will be blindfolded and will be guided by the other team member to move through the mines.

Those who successfully cross the minefield were awarded 150 points, which can be cashed in to buy materials for the STEM Challenge - Build the Catapult.

Time Limit of 2 Minutes was given to each team. Bonus points were awarded for those who finished the entire game in 30 Seconds.

Team 1 and Team 17 were called out to start the minefield game from the diagonal opposite ends of the mapped out zone. Likewise, all the teams played the game and then the trainers explained

Following the Minefield Game, the participants were given material request sheets, in which they can mark the materials they need to build the catapult. The credit scores earned during the game can be cashed in to purchase extra materials. They were given time to design their catapult models and have made sketches and calculations.



The challenge evaluates the creativity, application of STEM, Planning and Execution aspects of the team and individuals. Following the Challenge will be two tests

1. Test for Accuracy
2. Test for Range

The same model will be used for both the tests. Best of Three Trials will be considered for Scoring.

Catapult Challenge STEM: Range and Accuracy Test



Evaluation Sheet –

1. Ice Breaker – None
2. Mine Field – Communication and Collaboration
3. Worksheet – Catapult Planning – Imagination, Creativity, Innovation and Planning.
4. Catapult Building – Execution, Team Work, Resource Utilization
5. Test Run - Public Speaking, Confidence, on-the-spot thinking, body language and expression.

The participants were called to the centre stage to speak about themselves before the Catapult Tests, to test on how they would conduct the Stage 1 in schools and address the students. They were evaluated on their ability to talk and to express themselves.



The Technical Training Session concluded with debriefing about the events, discussing the plan of action for the District Captains.

COIMBATORE ZONE/HUB - 8 Districts - 13 Educational Districts		
COMIBATORE	Educational District 1 Coimbatore	Coimbatore, Perur, SS Kulam, Karamadai
	Educational District 2 Pollachi	Pollachi, Valparai, Samatur and nearby villages/towns
NILGIRIS	Educational District Nilgiris	Nilgiris, Coonoor, Kotagiri
KRISHNAGIRI	Educational District 1 Krishnagiri	Krishnagiri, Kaveripattinam, Mathur
	Educational District 2 Hosur	Hosur, Denkanikottai
SALEM	Educational District 1 Salem	Salem, Salem Rural, Attur
	Educational District 2 Sankari	Sankari, Edapadi
DHARMAPURI	Educational District Dharmapuri	Dharmapuri, Palacode
ERODE	Educational District 1 Erode	Erode, Bhavani, Perundurai
	Educational District 2 Gobichettipalayam	Gobichettipalayam, Sathyamangalam
TIRUPPUR	Educational District 1 Tiruppur	Tiruppur, Palladam, Kadaiyur, Sivanmalai, Dharapuram and Udumalpet

NAMAKKAL	Educational District Namakkal	Namakkal and nearby villages/towns/cities
	Educational District 2 Thiruchengode	Thiruchengode, Komarapalayam

The District Captains will be allocated their Districts post the announcement of Results by the Trainers. Stage 1 of TNIIC will be conducted accordingly, once the district captains are allocated and the registration of schools is done.

Feedback Received:

1. Students expressed that experiencing Innovation through Practice and not through powerpoint presentations, was one of the best aspects of the Training Programme.
2. Requested that the IEDP Workshops such as E-Leader Programmes, could be conducted like TNIIC and TNSI – Step by Step – Stage by Stage – meaning there is progressive learning and growth.



TNIIC 2019 - TTT Programme – Coimbatore – 12.07.2019 – District Captains

2019

EDII-TN
TANSIM
TCE



TRAIN THE TRAINERS PROGRAMME MADURAI – 22.07.2019

EDII-HUB @
THIAGARAJAR COLLEGE OF ENGINEERING



(TCE - TBI)

CONCEPTUALIZED AND ORGANIZED IN PARTNERSHIP WITH



Tamil Nadu Ilam Innovators Challenge (TNIIC) is being organized by TANSIM/EDII-TN with School Education Department and Startups MADIEE, Infinite Engineers, Warhorse, Pi Jam Foundation, SP Robotic Works, GetSet Ventures and E21 –IITM, with the objective to nurture innovation at grassroot levels and to inculcate 21st Century skills in School Students.

Stages of TNIIC 2019

1. Train the Trainers Programme at Chennai, Coimbatore, Madurai, Trichy & Tirunelveli
2. Stage I – Selection at each Educational District of Tamil Nadu
3. Stage II – 4-Day Residential Workshop at 5 Zones / Hubs (Chennai, Coimbatore, Madurai, Trichy and Thirunelveli)
(District Level Awards of Rs 10,000 each will be given to 15 best school teams)
4. Stage III - State Level Pitch (State Level Fellowship Awards of Rs1,00,000 each to 5 Winning School Teams)

About the TTT Programme:

TTT Programme (1 Day) will be held in 5 Regions – Chennai, Madurai, Trichy, Tirunelveli and Coimbatore (50-60 Participants/Batch) with the help of IEDP Hubs. The E-Cell Members of Engineering, Arts & Science background, will be requested to register as participants of the programme. They will be assigned the role of District Captain/E-Leader for each Educational District.

In the TTT Programme, the District Captains will be trained on how to motivate, inspire innovation and mentor school students during the course of the Programme. The District Captains will then facilitate the Gamified Selection Process with STEM background i.e Stage 1 of Tamil Nadu Ilam Innovators Challenge in their own educational district and select the best 3 out of 10 teams for Stage 2.

INAUGURAL SESSION

As part of Tamil Nadu Ilam Innovators Challenge 2019, Train The Trainers (TTT) Programme was organized at Thiagarajar College of Engineering, Madurai on 22.07.2019 by EDII IEDP Hub TCE, Madurai and TANSIM/EDII-TN. The Team of Infinite Engineers, Th.Aravind M.A and Th.Vimal Kumar.V took the responsibility of training the participants.

Agenda – 10:00 A.M to 10:20 AM

Welcome Address	-	Dr. S.Chandran Hub Coordinator, EDII-HUB, TCE, Madurai
About the Programme	-	Th. V.Anburaja, Training Coordinator, EDII-TN
Trainers	-	Th. M.A.Aravind and Th. V.Vimal Kumar Infinite Engineers

Dr.S.Chandran, Hub Coordinator, EDII Hub, TCE Madurai, delivered the welcome address starting with briefly explaining the efforts taken by EDII-TN as an organization and the nodal agency for promoting the culture of innovation and entrepreneurship in the State through the Hub and Spoke Model. He then spoke about the Collaborative Efforts of EDII-TN and EDII-HUB Thiagarajar College of Engineering in establishing a strong network of E-Cell and in providing so many opportunities for the Students to learn and experience Entrepreneurship.



A Total of 35 Participants – Students from Madurai, Theni, Sivagangai, Dindigul, Pudukkottai and Salem Districts attended the programme.



Dr.S.Chandran, Hub Coordinator, TCE, Madurai thanked the Participants for attending the 1 Day Train The Trainers programme for the Tamil Nadu Ilam Innovators Challenge and addressed the importance of the role of District Captains that they will be playing in training, facilitating and mentoring School Students of their own district through TNIIC.



Addressing the District Captains's Role, Th.Anburaja.V, Training Coordinator, EDII-TN was invited to give a much deeper brief of the Structure of the Programme.



Th. Anburaja.V, Training Coordinator, EDII-TN took the participants through the process of conceptualizing the different stages of the Tamil nadu Ilam Innovators Challenge along with the partnering startups – Infinite Engineers, MADIEE, Warhorse, Pijam Foundation, SP Robotic Works, E21 and GetSet Ventures. The Programme is organized in partnership with the School Education Department, Government of Tamil Nadu and EDII HUBS. He then explained the Plan of Action for the District Captains for Madurai Hub

On behalf of EDII Director and Additional Director, Th. Anburaja, expressed Special Mention and gratitude towards Dr. S.Chandran, Hub Coordinator, TCE, Madurai and his team for organizing the Train The Trainers Programme in such short notice and appreciated the efforts TCE has been taking in developing the ecosystem of Madurai Hub.

Following the speech, the Stage was left for the Trainers to start the Technical Session.

TRAIN THE TRAINERS - TECHNICAL SESSION

Team Infinite Engineers, Th.Aravind.M.A and Th. Vimal Kumar.V, handled the training of the 35 participants, who attended the programme.

Trainer's Website and Other Info:

<http://infiniteengineers.in/> <https://warhorse.in/#/>

Also, check out MADIEE - <https://madiee.com/v2/> GETSET Ventures - <https://getset.co.in/> and [E21 – IIT Madras E-Cell](#)

Ice Breaker Session:

Communication Exercise : How Information passes



The technical session started with the **Ice Breaker Session** to engage the participants and ease them into the programme.

The Participants then were split into 3 Teams of 3 Members and 13 teams of 2 Nos. each to conduct the Minefield Game.

Minefield: Test of Communication and Collaboration

The teams were scored based on their performance, communication skills, collaboration and critical thinking. The Deck of Playing Cards was placed on the floor and it represents the Mines/Traps.



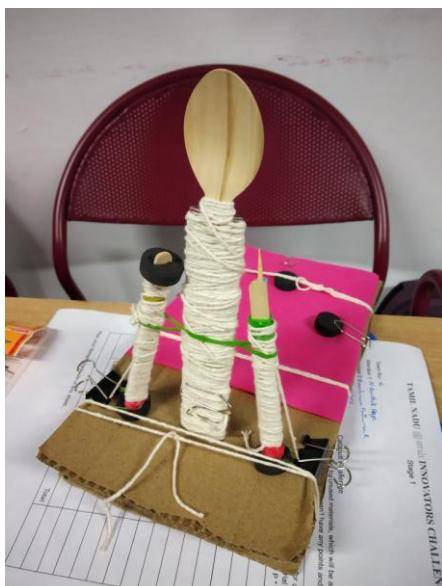
In each team, one person will be blindfolded and will be guided by the other team member to move through the mines.

Those who successfully cross the minefield were awarded 150 points, which can be cashed in to buy materials for the STEM Challenge - Build the Catapult.

Time Limit of 2 Minutes was given to each team. Bonus points were awarded for those who finished the entire game in 30 Seconds.

Team 1 and Team 16 were called out to start the minefield game from the diagonal opposite ends of the mapped out zone. Likewise, all the teams played the game and then the trainers explained the reason and the significance of the Game.

Following the Minefield Game, the participants were given material request sheets, in which they can mark the materials they need to build the catapult. The credit scores earned during the game can be cashed in to purchase extra materials. They were given time to design their catapult models and have made sketches and calculations.



The challenge evaluates the creativity, application of STEM, Planning and Execution aspects of the team and individuals. Following the Challenge will be two tests

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Catapult Challenge STEM: Range and Accuracy Test



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5. Test Run - Public Speaking, Confidence, on-the-spot thinking, body language and expression.

The participants were called to the centre stage to speak about themselves before the Catapult Tests, to test on how they would conduct the Stage 1 in schools and address the students.



They were evaluated on their ability to talk, engage the audience and to express themselves within the Time Limit of 1 Minute and 30 Seconds.

The Confidence, Body Language, Expression, Clarity in Speech, Eye Contact will all be evaluated during this process.

The Technical Training Session concluded with debriefing about the events, discussing the plan of action for the District Captains, followed by the Valedictory.

MADURAI ZONE/HUB - 5 Districts - 8 Educational Districts		
THENI	Educational District Theni	Theni, Periyakulam
MADURAI	Educational District 1 Madurai	Madurai, Melur, Nagamalai, Tiruppallai,Narimedu
	Educational District 2 Usilampatti	Usilampatti, Thirumangalam, Checkanurani
DINDIGUL	Educational District 1 Dindigul	Dindigul, Batlagundu, Vedasandur
	Educational District 2 Palani	Sankari, Edapadi
PUDUKOTTAI	Educational District Pudukkottai	Pudukkottai, Aranthangi,Illuppur
SIVAGANGAI	Educational District 1 Sivagangai	Sivagangai, Manamadurai
	Educational District 2 Karaikudi	Karaikudi, Devakottai, Thirupattur

The District Captains will be allocated their Districts post the announcement of Results by the Trainers.

Stage 1 of TNIC will be conducted accordingly, once the district captains are allocated and the registration of schools is done.

Valedictory:

The Technical Session was attended by Additional Director, EDII-TN – Tmt. R.V.Shajeevana, overseeing the progress and the method of Training given to the participants. The Valedictory was formally organized. Dr.S.Chandran, Hub Coordinator, formally welcomed and thanked the Additional Director, EDII-TN for attending the Training Programme. He then went on to express the idea of what difference it would have had made in the Participants if they were exposed to and trained in the 21st Century Skills during their schooling, thus iterating the importance and the significance of the Tamil Nadu Ilam Innovators Challenge.



Additional Director, EDII-TN was then requested to address the participants. Ma'am has spoken elaborately on Train The Trainers Programme held at other Hubs – Chennai, Trichy, Tirunelveli and Coimbatore, That the District Captains are responsible for selecting the right students and mentoring them along their journey of innovation. The conceptualizing of this programme was done through a series of thinktanks for which special mention and thanks was expressed to the Startups who are the

programme's partners. EDII-TN till now, have organized various workshops and summer camps for School Students with participations from both the Urban and Rural Schools – Government and Private Schools, providing equal opportunities to all students. This is the First of EDII's Initiatives to take a series of events, programmes and workshops as One Ultimatum State Level Innovation Challenge for School Students of Tamil Nadu State. Wishing that we learn the best from our mistakes, ma'am concluded the speech thanking Dr.S.Chandran and Team for organizing the programme so well.



The concluding Vote of Thanks was delivered by Th.Anburaja, Training Coordinator, EDII-TN, thanking each and everyone and the Assistant Professors from Vivekananda College and Sri Pandian Saraswathi College, who were with the students since the beginning of the Training Programme.



Feedback Received:

1. Students expressed positive remarks and feedback.
2. One of the Students requested the Team of Infinite Engineers, to share their journey, for which Th.M.A.Aravind answered.





TNIIC 2019 - TTT Programme – Madurai – 22.07.2019 – District Captains

ENTREPRENEURSHIP DEVELOPMENT & INNOVATION INSTITUTE
EDII HUB @ THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI – 625015
TRAIN THE TRAINERS PROGRAMME - ATTENDANCE SHEET Date:22.07.2019

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