Sullamussalam Science College Areekode

7.2.1 – Best Practice I
2022-23

Promotion of Innovation and Entrepreneurship Skills through a dynamic Innovation and Entrepreneurship Development Cell

INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE [IEDC]

Supported by Kerala Start-up Mission

Activity Report

2022-2023

SULLAMUSSALAM SCIENCE COLLEGE, AREEKODE

Ugrapuram Post, Malappuram, Kerala 673639

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General Information

Name of the college   :   **Sullamussalam Science College, Areekode**

                                   www.sscollege.ac.in

Principal   :   Dr. P. Muhamed Ilyas

                                   principal@sscollege.ac.in

Name of the Nodal Officer   :   Muneer VK

                                   Assistant Professor of Computer Science

                                   9744794110 | vkmuneer@gmail.com

Coordination Committee

Sl. No	Lead Name	Designation	Department
1	Nijas Ali	Campus Lead, CEO	Department of Computer Science
2	Shamil Shajayath	Finance lead	Department of Physics
3	Haifa V	Quality and operational lead	Department of Computer Science
4	Samshar U	Creative and innovation lead	Department of Computer Science
5	Swalih	Branding and marketing lead	Department of B.Voc Journalism
6	Minhaj	Community lead	Department of Mathematics
7	Muhamed Shahil AK	Chief Technology Officer	Department of Computer Science

Internal Mentors   :   Fayaz Ahamed (HOD, Department of Commerce)

                             :   Rizwana Ahmed (Dept. of Computer Science)

External Mentors   :   Habeeb P [Research Scholar, IISc Bangalore]

                             :   Niyas K. [NuCore software solutions, Cyber Park]

                             :   Yasir N.V [CEO, Yara Communications, Kozhikode]

SULLAMUSSALAM SCIENCE COLLEGE, AREEKODE

ACTIVITIES 2022-23

1. ROBOLEARN #13	1-APRIL-22
2. FLUTTER BOOTCAMP	27-APRIL-22
3. HACKATLY -22	24-JUNE-22
4. INTRODUCTION TO THE METAVERSE	7-JULY-22
5. IOT AND ROBOTICS WORKSHOP	25-JULY-22
6. CAPACITY BUILDING WORKSHOP	2- AUGUST-22
7 . IDEAFEST 22 - COMMERCE DEPARTMENT	22-AUGUST-22
8. IDEAFEST 22–COMPUTER SCIENCE DEPARTMENT	25-AUGUST-22
9.IDEAFEST 22 –ECONOMICS DEPARTMENT	26-AUGUST-22
10.IDEAFEST 22 –MATHEMATICS DEPARTMENT	29-AUGUST-22
11.IDEAFEST 22 –ENGLISH DEPARTMENT	31-AUGUST-22
12. IDEAFEST 22 –PHYSICS DEPARTMENT	01-SEPTEMBER-22
13. IDEAFEST 22 –B.VOC AND CMH DEPARTMENT	01-SEPTEMBER-22
14. GATEWAY TO IEDC	20-SEPTEMBER-22
15. ROBOLEARN #14	22-SEPTEMBER-22
16. ENTREPRENEURIAL SKILL DEVELOPMENT WORKSHOP	24-SEPTEMBER-22
17. ORIENTATION PROGRAM FOR INCUBATOR MANAGERS	30-SEPTEMBER-22
18. PERFECT TRAJECTORY(IEDC LEADERS MEET-UP)	11-OCTOBER-22
19. TECH-TALK #10	14-OCTOBER-22
20. BUSINESS PITCH	17-OCTOBER-22
21. ROBOLEARN #16	20-OCTOBER-22
22. INDUSTRY READINESS PROGRAM	25-OCTOBER-22
23. TRAIN THE TRAINERS 2.0 WORKSHOP	5-NOVEMBER-22

ACTIVITIES 2022-23

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25. ROBOLEARN #18	14-NOVEMBER-22
26. ROBOLEARN #19	17-NOVEMBER-22
27. INSPIRE STUDENT MEET-UP @NITC	26-NOVEMBER-22
28. WORKSHOP – DESIGN THINKING & INNOVATION	30-NOVEMBER-22
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32. IDEAFEST 22 FINALE	20-DECEMBER-22
33. KNM CLIENT MEET	24-DECEMBER-22
34. IEDC LAB RENOVATION	
35. CEO VISIT	12-JANUARY-23
36. YIP 5.0	12-JANUARY-23
37. MALABAR ROUND TABLE	14-JANUARY-23
38. ROBOLEARN #21	27-JANUARY-23
39. IDEATHON	2-FEBRUARY-23
40. MESPO 23	7-FEBRUARY-23
41. ENVI 5 @ DEVAGIRI	
42. ZERONE 2K23	8-FEBRUARY-23
43. SHEHACKS	15-FEBRUARY-23
44. YIP ORIENTATION @ MEA COLLEGE	16-FEBRUARY-23
45. WOMEN RESEARCHERS AND INNOVATORS MEET @SCET,THRISUR	17-FEBRUARY-23
46. ROBOLEARN #23	25- FEBRUARY-23
47. .YIP TRAINING	21-FEBRUARY-23

ACTIVITIES 2022-23

48. ACHIEVERS DAY	28-FEBRUARY-23
49. IEDC SUMMIT 2023	4-MARCH-23
50. ROBOLEARN #24	16-MARCH-23

ACTIVITIES 2022-23

1. ROBOLEARN #13

The IEDC-SS conducted its 13th Robotics Workshop at Al-Jamia Arts and Science College, Poopalam on the 1st of April 2022. A group of 5 student trainers led the workshop. It was also the first Robotics workshop with women trainers. The one-day workshop was focused on giving an introduction to interested students. The workshop had hands-on sessions which proved to be very exciting for the students. It also aimed to motivate students to try and take up projects in the same field.

STUDENT TRAINERS:

ABDUL MUHAIMIN – M.SC CS

NIJAS ALI – BSC CS

RASHA – BSC PHYSICS

SHAMILA – BSC MATHS

HAIFA V – BSC CS

2. FLUTTER BOOTCAMP 2022

IEDC-SS conducted a four-day hands-on bootcamp on Flutter starting from the 27th of April,2022. The aim of the bootcamp was to have students understand and learn the basics of Flutter Development. 22 students from various departments took the course, seeing it as an opportunity to build their skillset. Dr. Mohamed Ilyas gave the students opening remarks and commended the participants' disposition to learn something new in the holidays.The resource persons, Miss. Luha Saniyya and Mr.Ashif, being recent graduates of the college's CS dept made sure the students were engaged throughout the 4 days assigning them with relevant projects.Mr. Muneer, Nodal Officer IEDC, was also present throughout the whole bootcamp

offering help whenever needed. The students had homework at the end of each day. The boot camp helped in staying productive throughout the summer vacation building their skillset and also sparked interest to become Flutter Developers.

3. HACKATLY -22

The students of IEDC-SS participated in the Hackatly-22 hackathon held at College of Engineering Thalassery, Kannur. It was a two-day event held on the 24th and 25th of June. Seven first-year students participated in the event. The event helped them to gain exposure and understand the idea-pitching culture in other institutes. It also helped them gain interest in Hackathons and get into the 'coding for problem-statements' mindset. The students took away valuable skills for their future hackathons.

4.INTRODUCTION TO THE METAVERSE

IEDC-SS conducted a session on the fascinating world of Metaverse in collaboration with iLuzia Lab (Cyberpark, Calicut) on the 7th of July 2022. The seesion started off with Mr. Muneer's, Nodal Officer, welcome address and Dr, Mohamed Ilyas', Principal, presidential address. The session was held by Mr. Noufal, Founder and CEO of iLuzia Lab, and, Mr. Vishnu G.M, COO of iLuzia Lab. The audience consisted of students from SOHSS and Sullamussalam Arabic College as well as students from various dept and teachers. The event provided an opportunity for students to use a VR headset and see and experience a Virtual as well as an Augmented setting. The students were thrilled to explore the fields of Metaverse by the end of the session. Fadi Basheer ended the session with the vote of thanks.

5.IOT AND ROBOTICS WORKSHOP

IEDC-SS conducted its 14th Workshop at the School of Computer Science, Kottayam, Mahathma Gandhi University. It was a two-day hands-on workshop held on the 25th and 26th of July 2022. This workshop unlike the usual robotics workshops done by the club also focused on Internet of Things. The session was handled by Abdul Muhaimin, CTO of IEDC and team.

TRAINERS:

ABDUL MUHAIMIN – MSC CS(CTO IEDC)

JASIR – BSC CS

AJAY – BSC CS

JUNAID – BSC CS

6.CAPACITY BUILDING WORKSHOP

The IEDC-SS college in its pursuit to build a strong student start-up ecosystem in campus decided to host an IDEAFEST 22. IEDC-SS planned an inter-departmental week-long idea pitching contest whose winners will proceed to the second and final round. As a precursor to the event, a session was conducted by Mr. Ahmed Fayaz ,HOD of the Commerce Dept., and Mr. Muneer, Nodal Officer of IEDC on the 2nd of August 2022. The session intended to bring the students into the spirit of idea-pitching, motivating them to come up with new ideas and actualise their hitherto ideas into products. A reel-competition and poster-design competition concerning the same was inaugurated to kickstart the event. The sensitisation prolonged for 2 days with seniors from all the dept. encouraging the juniors to participate in the event.

7 .IDEAFEST 22 - COMMERCE DEPARTMENT

IEDC-SS kickstarted its inter-departmental Ideafest 22 on the 22nd of August 2022. Dr.Mohamed Ilyas, Principal, inaugurated the event. The fest spanned across 10 days with various departments pitching on various days. The judges were professors of various departments. On the first day, 22nd August, the students of Commerce Department pitched 11 of their ideas thus giving a great start to the event. The winners of each department would win cash prizes and qualification to the second and final round. ;

8.IDEAFEST 22 – COMPUTER SCIENCE DEPARTMENT

IEDC-SS continues its inter-departmental Ideafest 22 on the 25th of August 2022. It was the second day of the event. The fest spanned across 10 days with various departments pitching on various days. The judges were professors of various departments. On the second day, 25th of August, the students of Computer Science Department pitched 9 of their ideas thus keeping the momentum going. The winners of each department would win cash prizes and qualification to the second and final round

9.IDEAFEST 22 –ECONOMICS DEPARTMENT

IEDC-SS continues its inter-departmental Ideafest 22 on the 26th of August 2022. It was the third day of the event. The fest spanned across 10 days with various departments pitching on various days. The judges were professors of various departments. On the third day, 26th of August, the students of Economics Department pitched 9 of their ideas thus keeping the momentum going. The winners of each department would win cash prizes and qualification to the second and final round

10.IDEAFEST 22 –MATHEMATICS DEPARTMENT

IEDC-SS continues its inter-departmental Ideafest 22 on the 29th of August 2022. It was the fourth day of the event. The fest spanned across 10 days with various departments pitching on various days. The judges were professors of various departments. On the fourth day, 29th of August, the students of Mathematics Department pitched ideas thus keeping the momentum going. The winners of each department would win cash prizes and qualification to the second and final round.

11.IDEAFEST 22 –ENGLISH DEPARTMENT

IEDC-SS continues its inter-departmental Ideafest 22 on the 31st of August 2022. It was the fifth day of the event. The fest spanned across 10 days with various departments pitching on various days. The judges were professors of various departments. On the fifth day,31st of August, the students of English Department pitched their ideas thus keeping the momentum going. The winners of each department would win cash prizes and qualification to the second and final round. The winners were:

Aysha Noon and team

Haya Kotta and team

Muneeba and team

12.IDEAFEST 22 –PHYSICS DEPARTMENT

IEDC-SS continues its inter-departmental Idea fest 22 on the 1st of September 2022. It was the sixth day of the event. The fest spanned across 10 days with various departments pitching on various days. The judges were professors of various departments. On the sixth day,1st of September, the students of Physics Department pitched their ideas thus keeping the momentum going. The winners of each department would win cash prizes and qualification to the second and final round. The winners were:

Shana and team

Shamil and team

Ilhana Mariyam

13.IDEAFEST 22 –B.VOC AND CMH DEPARTMENT

IEDC-SS continues its inter-departmental Idea fest 22 on the 1st of September 2022. It was held in the afternoon of the sixth day of the event. The fest spanned across 10 days with various departments pitching on various days. The judges were professors of various departments. On the afternoon of the sixth day,1st of September, the students of B.Voc Department pitched their ideas thus keeping the momentum going. The winners of each department would win cash prizes and qualification to the second and final round. The winners were:

Aseem and team

Fathima Rinci and team

Muhammed Swalih

14. GATEWAY TO IEDC

IEDC-SS had its orientation programme on the 20th of September 2022. Mr. Muneer, Nodal officer, held the session. He informed the freshers of the IEDC ecosystem and what it aims to achieve. He also notified the students of its TBI – RISE encouraging students to get into the start-up culture. The session inspired the students to take part in the upcoming activities of the Cell. Mr. Muneer also presented the various activities done by the club and the achievements of the students in the club. He told the students that being an active member would help them in their future endeavours.

15. ROBOLEARN #14

IEDC-SS organised a one-day hands-on workshop on Robotics on the 22nd September 2022. The workshop was exclusively for first-year students. All the students of Bsc Computer Science

participated in the one day workshop. They were taught the basics of Robotics i.e the components and given a glimpse of C programming. The target of the workshop was to create a sense of wonder so that they would keep on looking in the field and that was clearly achieved. The participants had a lot of fun clearing their doubts and ensured that they'd have more workshops like such in the future. The workshop ended with a kahoot quiz. Mr. Hudhaifa won the quiz while Miss.Shinana was the runner up. Mr. Nabeel gave the trainers feedback marking the end of session.

16. ENTREPRENEURIAL SKILL DEVELOPMENT WORKSHOP

The students of IEDC-SS had the opportunity to spend a day with Mr. Ajay Basil Varghese, Noda Officer and Manager of TBI at Adi Sankara College of Engineering and Technology,Kalady on the 24th of September 2022. The departmental winners of the IdeaFest 2022 were the audience for the training workshop. It was so that the winners could interact with a highly qualified professional and work on materialising their worthy ideas. Miss. Haya of English Dept. was the presenter for the event. Mr. Ajay gave the students inspirational stories about himself and also a very detailed cut-out picture on how start-ups emerge and what keeps them going. The audience were enthralled throughout the session. Towards the end, the students

improvised on the ideas the had in hand and also came up with new ones. The workshop proved to be very successful with the feedback from students and how they were highly motivated to keep going on the entrepreneurial journey. The workshop lasted a whole day with Mr. Ajay implementing many activities for the students to take various ideas for their startup seeds. He also talked on how to pitch and ask, all of those the students didn't really have an idea about. The students also ensured to share all the information they got to their friends.
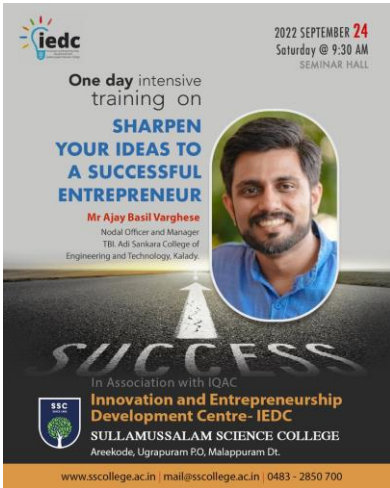
17. ORIENTATION PROGRAM FOR INCUBATOR MANAGERS

On the 30th of September 2022,the Nodal Officer of IEDC-SS, Mr. Muneer V.K, and Dr. Mohamed Ilyas , Principal of Sullamussalam Science College attended the One-Day Orientation Program at Marian Engineering College, Thiruvananthapuram.
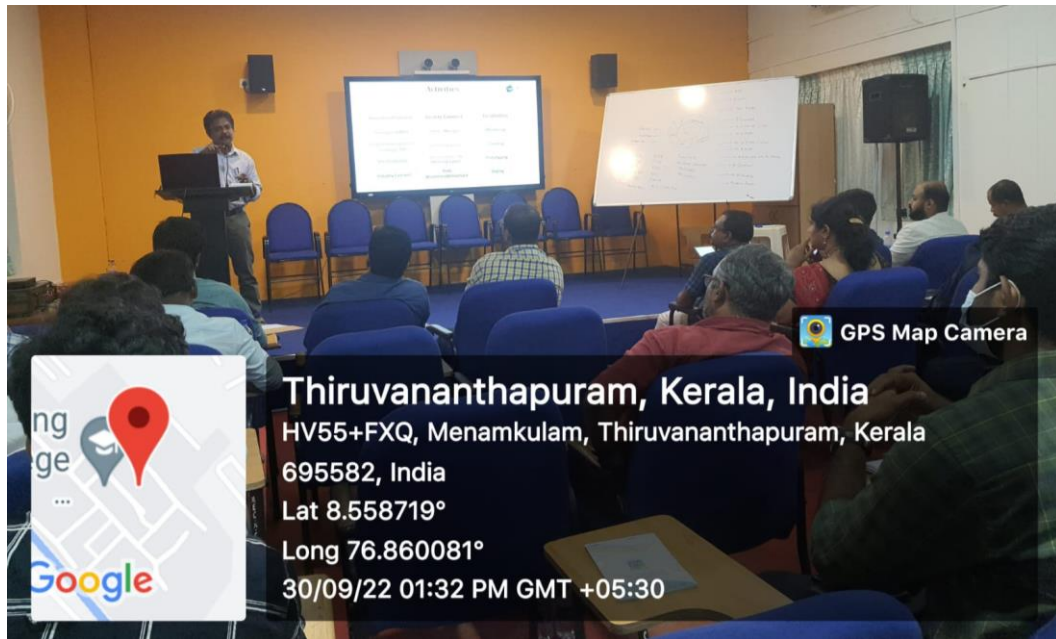
18 PERFECT TRAJECTORY(IEDC LEADERS MEET-UP)

The IEDC Leaders Mr. Shahil A.K, IEDC Technical Officer and Mr. U.A.Samshar, IEDC Creative Lead attended the Perfect Trajectory 2022 conducted by Marian Engineering College, Trivandrum on the 11th of October 2022. They had the opportunity to network with other IEDC leaders from different campuses and share different perspectives. They recognised the areas that IEDC-SS could improve on and the how each IEDC works differently with implementations of events and other similar projects. They also had the opportunity to assist other IEDC's on their approach to Robotics and IoT Workshops. They also took away a great deal of information that they could use for the IEDC-SS' upcoming events.

19. TECH-TALK #10

IEDC-SS conducted an online techtalk on Software Tools on the 14th of October 2022. The session was held by Mr. Abdul Muhaimin, former student and IEDC-Tech Lead, currently a working professional at . As both the second and third years are approaching their project onset and culmination processes respectively, the topic chosen by Mr. Abdul Muhaimin was very befitting and timely. Mr. Nijas Ali, IEDC Campus Lead opened the session keeping it crisp.

Mr.Muneer, Nodal Officer IEDC, spoke on the importance of the session, on how it would help make it easier for students to choose the right tool for their project.Mr. Abdul Muhaimin led the session for half an hour talking about the various tools and programming languages that are popular now-a-days and relevant in the industry. He also spoke to the audience on the compatibility of certain languages according to their functions. The session also had a doubt-clearing session where the students asked about various languages and their usability in their projects. The session ended with Miss. Haifa V giving the vote of thanks.
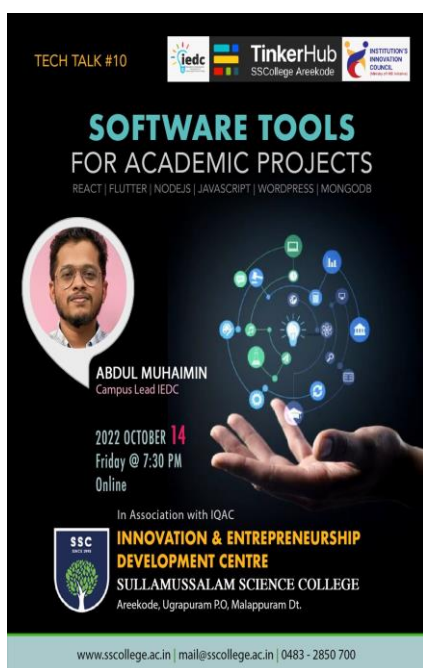
20. BUSINESS PITCH

IEDC-SS in collaboration with RISE-TBI conducted the very first Business Pitching on 17th October 2022 at Sullamussalam Science College's Seminar Hall. Various teams with innovative ideas pitched their business models. This was a sort of evaluation for the selection of Incubating Teams for the RISE. The panel of judges came from different domains and hence could provide a very detailed and constructive critiques for the participants. Winners of IdeaFest 2022, alumni groups and local people also participated in the event. A total of 9 ideas were pitched including student ideas. The audience included teachers and team leaders of the IdeaFest Winners. Dr. Muhammad Ilyas, Principal of IEDC welcomed the guest while Mr. Muneer,Nodal Officer IEDC , addressed the audience and the Manager the judges. The Pitching gave the students a clear idea on how to pitch their ideas and how an Idea Pitch is different from a Business pitch where the latter emphasises on Business models. Later during the session, the judges were given Honorary Awards for taking out the time despite their busy lives.

ACTIVITIES 2022-23

21. ROBOLEARN #16

IEDC-SS conducted its 16th workshop on Robotics on the 20th of October 2022 at MES Arts and Science College, Mampad. It was a two-day hands-on workshop that aimed on teaching the basics to interested students. The audience was very diverse. There were students from various departments making the workshop a variety experience. The student trainers were Miss. Shamila kc, Mr. U.A. Samshar, Mr. Shahil.A.K, Miss. Jalwa, Miss. Rasha
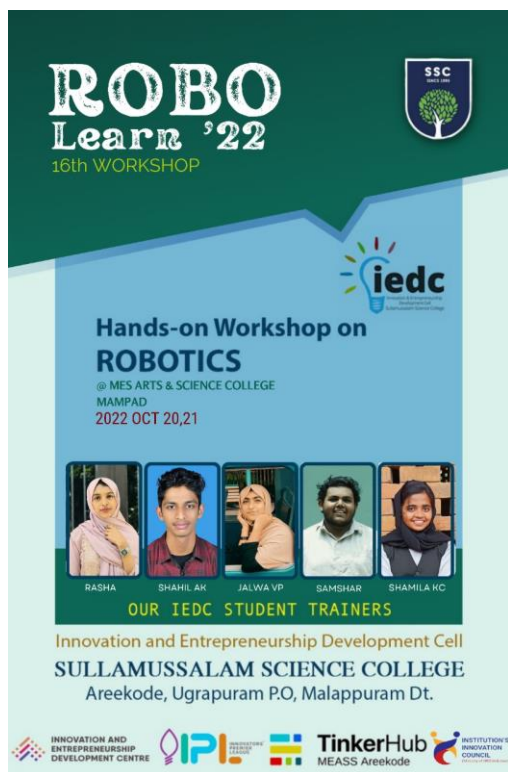
22. INDUSTRY READINESS PROGRAM

On the 25th of October 2022, some members of the IEDC-SS along with the Nodal Officer, Mr. Muneer V.K, went to visit a few companies at the Cyberpark, Calicut. The students were grouped into four teams and send to tech companies in different domains ranging from web development to AR/VR technology. The students got to spend some time with professionals in different industries and hence got to make some decisions on their career paths. This visit was just the beginning as a few of the students decided to do internships with the said companies.

23.TRAIN THE TRAINERS 2.0 WORKSHOP

IEDC of Sullamusalam Science college conducted an Iot workshop on November 5th 2022. This is the first workshop in the series. Mr. Abdul Muhaimin, former student as well as Tech lead of

IEDC led the session . The workshop was conducted to introduce IoT as well as help them take up projects for their final year and also to train students to become trainers, hence the name 'Train The Trainers 2.0'. During the session, an alumni visited the students and encouraged students to do more in the same and spoke on the exciting opportunities in the field of IoT .The students spent one whole day getting used to the basics of IoT and scheduling the workshop for the future.

24. ROBOLEARN #17

IEDC-SS conducted its 17th workshop on Robotics on the 10th of November 2022 at M.M Vocational and Higher Secondary School Parappil, Calicut. It was a two-day hands-on workshop that aimed on teaching the basics of Robotics to interested students. The participants were all high school students who found the study material very exciting and practical. Dr. Mohamed Ilyas, Principal of Sullamussalam Science College, addressed the students on the new path that they will be exploring in the next few days at the start of the session. The student trainers were Mr. UA Samshar, Mr. Shamil, Mr. Ramzy Hisham.

25. ROBOLEARN #18

IEDC-SS conducted its 18th workshop in its Robolearn series on the 14th of November 2022 at Wadi Rahma English School Koliyathur, Calicut. It was a two-day hands-on workshop that aimed on teaching the basics of Robotics to interested students. The participants were all high school students who were very excited for the hands-on projects. The student trainers were Mr. Nijas ali, Mr. Samshar, Miss. Jalwa, Miss. Rasha, Miss. Shamila, Miss. Shinana.
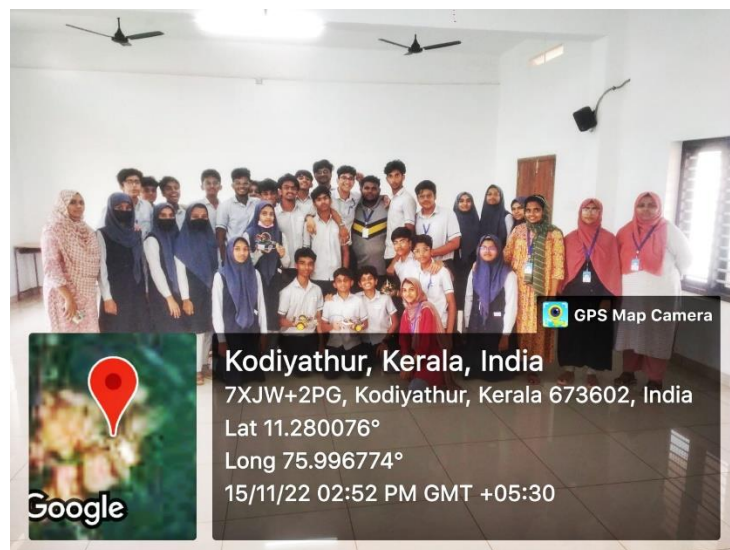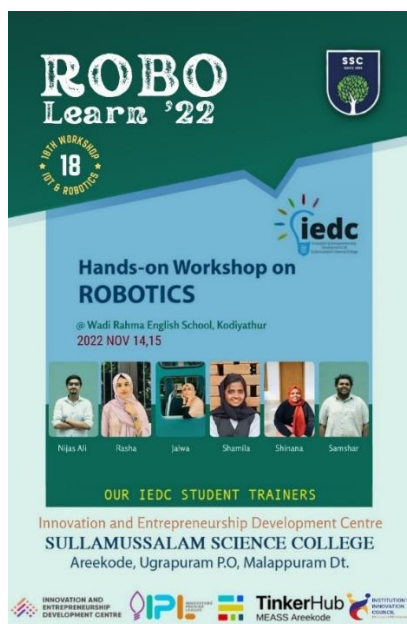
26. ROBOLEARN #19

IEDC-SS conducted its 19th workshop in its Robolearn series on the 17th of November 2022 at MES, Ponnani. It was a two-day hands-on workshop that aimed on teaching the basics of Robotics to interested students. The participants were all from various departments giving rise to interesting doubt clearing session. The student trainers were Mr.Shahil A.K, Mr. Shahid K.P, Mr. Shamil Shajayath, Mr. Eesa Zakariya, Mr. UA Samshar

27. INSPIRE STUDENT MEET-UP @NITC

The North Zone IEDC Zonal Meetup was held at the National Institute of Technology, Calicut (NIT-C) on the 26th of November 2022. The IEDC-SS had three EXECOME members attend the event. The attendees were Mr. UA Samshar , Mr. Mohamed Shahil A.K, Mr. Shaheen Mohamed.
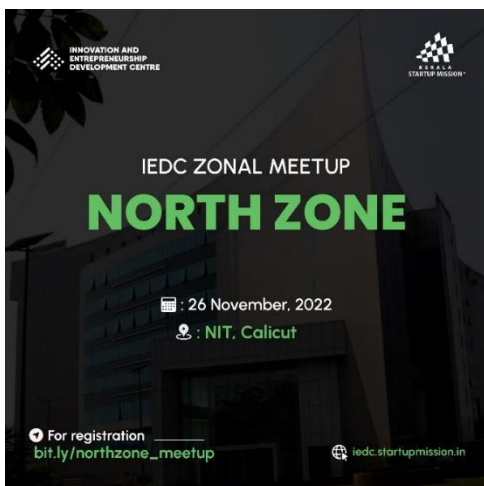
28.WORKSHOP – DESIGN THINKING & INNOVATION

Two EXECOME Members of the IEDC-SS attended the Design Thinking and Innovation Workshop on the 30th of November 2022. Arjun C.P, Co- Founder of OFB and Mr. Sabarinath K, Founder and CEO of OFB, were the trainers for the session. The attendees were :

Mr. Minhaj, Mr.Asif

29.KSUM CAPCITY DEVELOPMENT WORKSHOP

Nodal Officer of IEDC-SS, Mr. Muneer V.K. attended the two-day KSUM Capacity Development Workshop for Nodal Officers and Principals at Kerala Technology Innovation Zone, Kochi on the 3rd of December 2022.

30. ROBOLEARN #20

IEDC-SS conducted its 20th workshop in its Robolearn series on the 6th of December 2022 at GHSS, Perumparamba. It was a one-day hands-on workshop that aimed on teaching the basics of Robotics to interested students. The session was packed with enough hands on projects and theory classes to make sure the students had a good idea of the vast domain The participants were all secondary school students who wanted to learn a bot more about their knowledge in coding. The student trainers were Miss Jalwa V.P, Miss. Haifa V, Miss. Rasha Nasir, Miss. Shinana, Miss. Shamila K.C

31.WOMEN ENTREPRENEURS & SOCIETY – SHE

The IEDC-SS in collaboration with the PG Department of Commerce held an interactive session with Mrs, Shemayel Salem, Co-Founder of Sugar Sisters, a business based in Calicut on the 14th of December 2022. The session was held in the seminar hall and the participants were from the department of commerce. This was also the association inauguration of She the Girls Association. Mrs. Shemayel Salem started the session by asking the audience about their passions and dreams. She then made the audience take an oath on how they'll find their passions and work for it. She then narrated her story of becoming a business woman and how the passion will work out in the end. This inspired the students to start their journey towards their passions and make a livelihood out of it. The session ended with a Q&A session were the participants asked Mrs.Salem their doubts related to business and how it works. She also asked the students to come for her next baking workshop at Calicut.

32. IDEAFEST 22 FINALE

The much awaited finale of the Sullam Idea Fest 22 was held on the 20th of December 2022 at the seminar hall. The best ideas of all the departments ,I,e the best 3 ideas of all departments had a chance to pitch their ideas in front of an   esteem judging panel. 10 teams presenteFor the final round the students were prepared for a business version of their ideas. The finale focused more on the marketing and financial side of the ideas rather than the idea itself. The ideas were now on the product level rather than on the design level. The feedback from the judges gave the participants a greater exposure to the business industry.

33.KNM CLIENT MEET

On the 24th of December 2022, few members of the IEDC-SS along with their Nodal Officer, Mr. Muneer V.K had a meeting at C.T Tower, Calicut with KNM to showcase the first draft of the Official KNM Website which was a project given to the Dotco- a company incubated at IEDC-SS / RISE-TBI earlier that month. The students met with clients and further discussed the changes that need to be brought to the website.

34.IEDC LAB RENOVATION

The IEDC Lab was renovated during the month of December and was completed in early January.
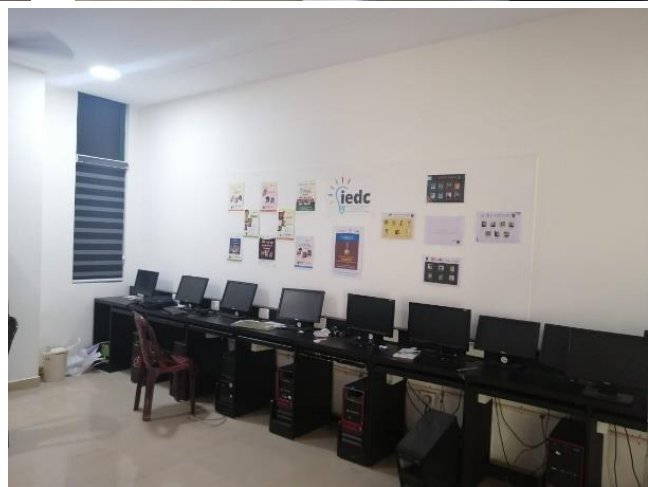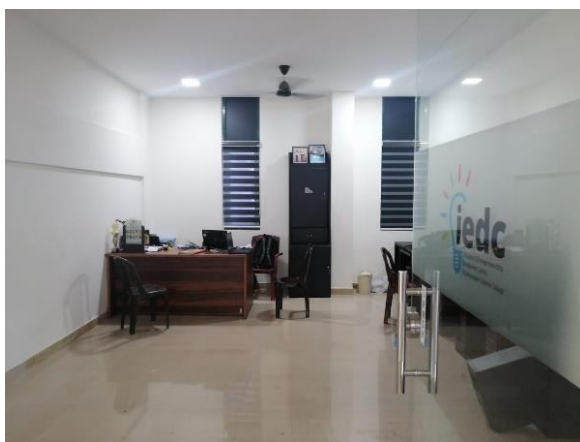
35.CEO VISIT

12th of January 2023 was an auspicious day for the IEDC-SS. Mr. Anoop Ambika, CEO of Kerala Startup Mission, visited the IEDC-SS as part of visiting campuses to learn about the IEDC ecosystems in college campuses. He visited the IEDC Lab and also interacted with the students to know more about the culture here. He also visited the RISE- TBI and remarked about the potential IEDC-SS had within its campus.

36.YIP 5.0

On 12th of January 2023, Mr. Insaf P, Professor of Computer Science Department attended the Two-day IEDC Orientation Workshop at the District-level(YIP 5.0) at Hotel South Park, Thiruvananthapuram. The objective of the workshop was to enable the IEDC facilitators to have a clear understanding of the District workshops and then enable the interns on their roles for the same thus cascading the responsibilities from the facilitators to the interns.
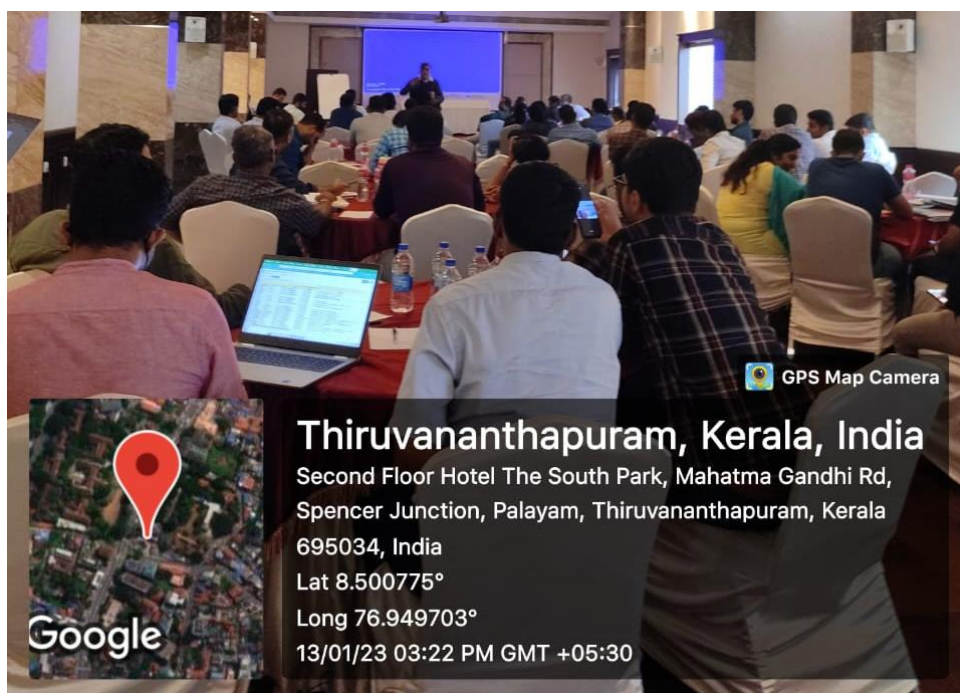
37.MALABAR ROUND TABLE

The Nodal Officer, Mr. Muneer V.K, and the Principal of Sullammussalam Science College , Dr. Mohamed Ilyas attended the Malabar Round Table Conference on the 14th of January 2023 at the Apollo Dimora, Calicut. It was an invite-only programme. The Chief-Guest was Mr. Anoop Ambika, CEO of Kerala Start-Up Mission

38.   ROBOLEARN #21

IEDC-SS conducted its 21st workshop in its Robolearn series on the 27th of January 2023 at Malabar College Vengara. It was a two-day hands-on workshop that aimed on teaching the basics of Robotics to interested students. The participants were all from various departments . The student trainers were Mr. Shahil A.K, Mr. Sinan, Mr. Shamil, Mr. Fahad, Mr. UA Samshar

39. IDEATHON

The IEDC-SS conducted an exclusive ideathon on the 2nd of February 2023 for first-years to make sure they were exposed to idea pitching right from the start of their college life. This was also a selection process to the IEDC-SS cell. The participant list included first - year undergraduate students from various departments as well as a few post- graduate students. The students were required to be in a team of 3 to present an idea they had. 12 teams

participated and pitched incredible solutions to innovative problem statements. The Manager, Mr. N.V Abdurahman, Nodal Officer,Mr. Muneer Sir and Mr.Shamil, incubating his start-up at RISE were the judges. Dr. Mohamed Ilyas, the Principal addressed the students and wished them well. Miss. Haifa V, Chief Operational Officer, gave the vote of thanks and also advised them on how to further progress with their ideas in different realms.

40.MESPO 23

Four students of IEDC-SS attended the MESPO 23, an Academic Exhibition at MES Keeveeyem College, Valanchery on the 7th of February 2023. They showcased three projects: an IoT based Water Irrigation System, a Line Following Robot and a Localised Climate Weather Station. The participants were Mr. UA Samshar, Mr. Shahil A.K, Mr. Shaheen Mohamed, Mr. Ahmed Sameeh

41. ENVI 5 @ DEVAGIRI

Six students attended the Envi 5, Technical Fest at the St. Joseph's College Devagiri, Calicut. They went as two teams and participated in the Hackathon as well as the Tech Whiz. The participants were Anshid, Eeza , Althaf Rahman,Yaseen , Aboobacker Sidheeque, , Nijas Ali, Hisham Arshad

42.ZERONE 2K23

Six students attended the IT Fest, Zerone 2k23 at MES Ponnani College on the 8th February 2023. They made new networks that would help them grow.The participants are Mr. Ameen K.K, Mr. Anshad Zaman, Mr. Mohammad Rishal , Mr. Nabeel Nazer, Mr. Mohammad Razi, Mr. Adnan Mohammad

43. SHEHACKS

On the 15th of February 2023, the IEDC-SS conducted its first ever women hackathon. Participants were required to register as teams and brainstorm solutions to two different challenges. The problem statements mainly focused on the travel and tourism industry - making the field sustainable as well as modernising the sector. 6 groups participated and came up with a plethora of solutions. Mr. Jasir and Mr.Muhaimin, former students of the college and EXECOME were the judges for the event. The principal, Dr. Mohamed Ilyas, addressed the students towards the end talking to them about various exclusive opportunities for women in the fields of tech and entrepreneurship. Mr. Jasir and Mr. Muhaimin talked to the participants about maximising their productivity by taking part in such events .They also shared their experiences with the IEDC-SS and how they've benefitted from the cell by being active partcipants in all the events conducted thus elevating the participants mindsets and their aspirations to achieve a lot more milestones than the Shehacks event.
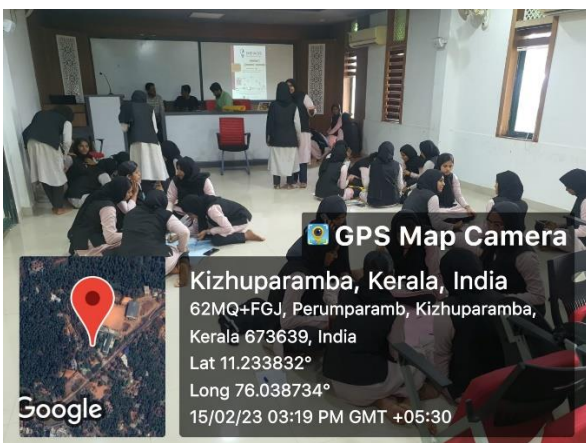
44.YIP ORIENTATION @ MEA COLLEGE

11 students of IEDC-SS from various years went for the Interns orientation programme of YIP 5.0 at MEA College on the 16th of February 2023. The participants were :

Ameen Kotheri, Nabeel Nazer, Ameen Sahil, Hisham Arshad, Muhammed Yaseen, Nijas Ali H, Anshid O, Althaf Rahman, Adil Athweef, Mishal Jaleel, Ajay M, Mohamed Mishal, Ahamed Junaid, Arjun Gopal, Aboobacker Sidheeque.

45.WOMEN RESEARCHERS AND INNOVATORS MEET @SCET,THRISUR

Four students of IEDC-SS attended the Women Reasearchers and Innovators Meet at the Sahradaya College of Engineering and Technology, Thrissur on the 17th of February 2023. They had the opportunity to listen to various speakers as well as find answers to their doubts on innovation. They also had the opportunity to meet up with the CEO. The participants were:

Miss. Lulu Parveen, Miss. Shamila K.C, Miss. Rashida , Miss. Rasha Nasir

46. ROBOLEARN #23

IEDC-SS conducted its 23rd workshop in its Robolearn series on the 25th of February 2023 at Amal College of Advanced Sciences. It was a two-day hands-on workshop that aimed on teaching the basics of Robotics to interested students. The participants were all from various departments . The student trainers were:

Mr. Shahil A.K, Mr. Shamil Shajayath, Mr. Nabeel , Miss. Jalwa VP, Miss. Shinana

47.YIP TRAINING

11 students of IEDC-SS went as interns for the YIP 5.0 District – Level on the 21st of February,2023 to the Malappuram Civil Station, Planning Secretariat along with the YIP Facilitator of SS College, Mr. Insaf, Guest Lecturer of the CS Department. The participants were:

Ameen Kotheri, Nabeel Nazer, Ameen Sahil, Hisham Arshad, Muhammed Yaseen, Nijas Ali H, Anshid O, Althaf Rahman, Adil Athweef, Mishal Jaleel, Ajay M, Mohamed Mishal, Ahamed Junaid, Arjun Gopal, Aboobacker Sidheeque.

48. ACHIEVERS DAY

As the 2022-23 academic year draws to an end the IEDC-SS celebrated the success of its winners from various events on the 28th of February 2023. Winners of the Department level ideafest 22, the ideafest finale, poster making, reel making, Shehacks, Ideathon23, Tink-her-hack and students of the Flutter Bootcamp were all awarded with certificates and cash-prizes. A token of gratitude was given to Mr. C.H Yunus and Dr.Fayaz Ahmed or their unconditional efforts and support. The Chief Guest for the day was Mr. Vinod Balan, CEO and Founder of Voye Homes, a booming enterprise in the entrepreneurial sector. He shared the experience of building a start-up and the toil that went into it. Inspiring the students to pioneer into unchartered milestones as the Honorable Guest.

49.IEDC SUMMIT 2023

The IEDC conducted its annual summit at the Rajagiri School Of Engineering & Technology, Kochi on the 4th of March 2023. 12 students of the IEDC-SS attended the event along with the Nodal Officer, Mr. Muneer V.K. They attended various workshops and talk shows at the event. The exhibitions sparked an interest in the attendees and they decided to start a few projects themselves. A huge plus was the opportunity to network with various personalities who were specialists in their domains.

50. ROBOLEARN #24

IEDC-SS conducted its 24th workshop in its Robolearn series on the 16th of March 2023 at St. Josephs College, Devagiri, Calicut. It was a two-day hands-on workshop that aimed on teaching the basics of Robotics to interested students. The participants were all from various departments . The student trainers were:

Mr. Shahil A.K, Mr. UA Samshar, Mr. Ramzy Hisham, Miss. Jalwa VP, Miss. Rasha Nasir