



SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY



(An Autonomous Institution, Approved by AICTE & Affiliated to Anna University, Chennai)

Accredited by NAAC with 'A' Grade & Accredited by NBA (B.E. MECH, MCT, ECE, CSE, EEE, CIVIL, B.Tech IT)

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ECOSYSTEM FOR INNOVATIONS

The Institution has created an Ecosystem for Innovations - Entrepreneurship Development Cell, Research Incubation Cell Incubation, Institution Innovation Council Centre and other initiatives for creation and Transfer of knowledge for student and community Orientation. The motto of our institution ecosystem is - 'To emerge as a renowned ecosystem that develops indigenous technologies by spurring ideas to prototype to product with focus to nurture and launch tech start-ups to achieve global success'.

1. Entrepreneurship Development Cell

- Entrepreneurship Development Cell inspires the budding engineers to float their **own business/venture** through various seminars and workshops.
- Eminent industrialists and budding entrepreneurs are often invited to **motivate** the young students. The successful alumni of SKCET pursuing the **entrepreneurial route** also encourage our students through frequent interactions.
- The college also has an Innovation and Entrepreneurship Development Centre (IEDC) funded by the Department of Science and Technology (DST), Government of India.
- Funds worth to a tune of **Rs.5,00,000/-** are offered to five best innovative students project every year to enable them to take it to the market. So far **25 projects** are funded by the Innovation and Entrepreneurship Development Centre.

2. Research Incubation Cell

- The College also has a vibrant Research Incubation Cell (RIC) to provide **incubation support** to the budding entrepreneurs.
- The Institution provides **mentoring support, office space and testing facilities** to the **start-ups** to take their creative ideas to the market. Some of the prominent start-ups taking incubation support at SKCET are, Intain Technologies, Insprit Junction, Medipro and F-Bot.

- In this regard, Ministry of Human Resource Development (MHRD) recognized **SKCET as a prominent Innovation Hub of the nation** in Atal Ranking of Institutions on Innovation Achievements (ARIIA) 2019, 2020 and 2021.
- SKCET is officially recognized with a **Certificate of Appreciation by MHRD** for its dynamic participation in the rankings which is exclusively awarded only to the top 100 rank holders.
- SKCET secured **2nd Rank in Atal Ranking of Institutions on Innovation Achievements (ARIIA) 2020**.

3. Encouraging Students to participate in Hackathons/Club Activities

- Every department has pulsating participation in International Professional Clubs (SAE, IEEE, IIC) which encourages the students to participate in International and National Hackathons, Makeathons, Codeathons, SUPRA, BAJA, Solar Karts and Vehicle fabrication contests.
- Dedicated mentors work towards enabling students to participate in MyGov challenges, AICTE ChhatraVishwakarma Awards, DST-Texas India Innovation Challenge Design Contest, Innovate India and various challenges posed by Government and Private agencies.
- All the students are guided to participate in Smart India Hackathon (SIH) in order to improve their coding skills and face challenges to build innovation models.
- Three teams have won **First prizes worth 3 Lakhs at SIH 2020 - Hardware and Software Hackathon** during the year 2020.
- The students' team have also won **One Lakh cash award at 5G Hackathon** organised by Department of Telecommunications, Ministry of Communications, Government of India.
- Ten teams and 15 teams were mentored for participating in the grand finale of SIH during the year 2020, Toycathon – Software Edition respectively.
- It is noteworthy to mention that SKCET is chosen by MHRD and AICTE to host '**Smart India Hackathon – Software Version**' during 2017, 2018 and 2019, 2020 consecutively.

4. Establishing MHRDs Institution Innovation Council (IIC)

- IIC of SKCET was established to systematically **foster the culture of Innovation** among the students across various departments inside the Institute.

- The student team have won **KPIT Silver Award** with a Cash Prize of **2.5 Lakhs** at **KPIT Sparkle 2022**. The student's team have also participated and won laurels in various **e-Kart Competitions** held during the year 2021-22.

4. Establishing MHRDs Institution Innovation Council (IIC)

- IIC of SKCET was established to systematically **foster the culture of Innovation** among the students across various departments inside the Institute.
- Ministry of Human Resource Development (MHRD) has established Institution Innovation Council among all Higher Education Institutions.
- The focus of IIC is to **encourage, inspire and nurture young students** by supporting them to work with new ideas and transform them into prototypes.
- IIC of SKCET has acquired the **Fifth Golden Star** with **100/100 marks** and **840 plus reward points** during the year **2020** and also has been bestowed with **4 golden stars** for its **outstanding performance** during the year **2020-2021**.
- IIC of SKCET has been recognized with **4 Stars** during the academic year **2021-2022** with **87.33/100 marks** from MoE's Innovation Cell (MIC), Ministry of Education (MoE), Government of India.

5. Community Orientation:

- Community-based learning is an **intentional pedagogical strategy to integrate student learning in academic courses with community engagement**.
- Community Orientation enhances socio-humanistic skills like communication, collaboration, listening, observation, leadership, and clinical skills and supports decision-making abilities through group activities.
- Students experience these environments early with the orientation through their undergraduate training.

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ENTREPRENEURSHIP DEVELOPMENT CELL

Entrepreneurship Development Cell (EDC) inspires the budding engineers to float their own business / venture through various seminars and workshops. Eminent industrialist and budding entrepreneurs are often invited to motivate the young students. The successful alumni of SKCET pursuing the entrepreneurial route also encourage our students through frequent interactions. The college also has an active innovation and Entrepreneurship Development Centre (IEDC) funded by the Department of Science and Technology (DST), Government of India. Funds worth to a tune of Rs. 5,00,000/- are offered to five best innovative students projects every year to enable them to take it to the market.



The Entrepreneurship Development cell of Sri Krishna College of Engineering and Technology is actively organizing various activities every year to inculcate Entrepreneurship culture among students. The following events are regularly organized by the cell under the aegis of Department of Science and Technology, Entrepreneurship Development Institute, India and Tamil Nadu, Ministry of Human Resource and Development.

1. Entrepreneurship Awareness Camp
2. Design thinking Workshops
3. Idea Contest
4. Software and Hardware Hackathons
5. Project Contest
6. Webinars
7. Industry visits and Field visits
8. Interaction with successful Entrepreneurs

About E-Cell

Ecell of SKCET comprises of a student team playing roles such as CEO, Secretary, Treasurer, Event Manager and Magazine Editor. This team inspires the students by conducting Contests such as Ideation, Design thinking and marketing. They also organize seminars and webinars to the Entrepreneurship interested students and involve in social networking. The Ideas selected in the contests will be submitted for hackathons, NIDHI schemes and other funding schemes offered by incubators.

DST - NIMAT Sponsored Entrepreneurship Awareness Camp

S.No	Date	Name of the Programme	Students Benefited	Academic Year
1	25. 09.2019 to 27.09.2019	DST NIMAT Sponsored Entrepreneurship Awareness Camp - 1	78	2019-2020
2	18.12.2019 to 20.12.2019	DST NIMAT Sponsored Entrepreneurship Awareness Camp - 2	79	2019-2020
3	09.03.2020 to 11.03.2020	DST NIMAT Sponsored Entrepreneurship Awareness Camp - 3	82	2019-2020

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COIMBATORE - 641008**



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INNOVATION AND STARTUP POLICY 2020



Abstract

INNOVATION and STARTUP Policy 2020 for Students and Faculty

(in-line with the National Innovation and Start-up Policy)

A Guiding Framework for Higher Education Institutions

The Innovation and Startup Policy 2020 for students and faculty of Sri Krishna College of Engineering and Technology (SKCET) will enable the Institution to actively engage students, faculty members and staff in innovation and entrepreneurship related activities. This framework will also spell out the terms for Intellectual Property ownership, technology licensing and institutional Startup policy, thus enabling creation of a robust innovation and Start up ecosystem across the Institution.

MESSAGE



Smt.S.Malarvizhi

**Chairperson and Managing Trustee
Sri Krishna Institutions**

Greetings! Sri Krishna College of Engineering and Technology is happy to be part of the important National building activity of coining the Institution's Innovation and Start-up policy. The MHRD's Innovation Cell is providing an excellent opportunity to the Higher Education Institutions (HEIs) to formulate an Innovation and Start-up policy to promote the culture of Innovation among the students and faculty members. SKCET is committed to create an appropriate environment for fostering the culture of innovation and start-up in the Institution. The Institution's Innovation Council (IIC) of SKCET has done a wonderful job in coining this new innovation and start-up policy. Congrats to the entire team! Hope this new initiative will further improve the entrepreneurship culture in the Institution.

MESSAGE



Dr.J.Janet
Principal
Sri Krishna College of Engineering and Technology

SKCET is vibrantly participating in the initiatives of the MHRD's Innovation Cell like the Smart India Hackathon, Innovation Ambassador Training Programme and all IIC activities. It is noteworthy to mention that the Institution has secured 2nd rank among all private technical Institutions pan India in ARIIA 2020 rankings. This new start-up policy will enable students and faculty to practice innovation in their daily activities. Happy to implement this new policy for the betterment of student and faculty fraternity.

Members

S.No	Name	Designation
1	Dr. J. Janet	Principal
2	Dr. J. P. Ananth	CoE, Professor – CSE
3	Dr. P. Ashoka Varthanan	NISP Co-ordinator and HoD – Mech
4	Dr. S. Sophia	HoD – ECE
5	Dr. R. Soundararajan	IPR Cell Incharge and Associate Professor – Mech
6	Dr. Sujaritha	EDC Incharge and Professor – CSE
7	Dr. Samson Jerold Samuel	IIF Incharge and Associate Professor – Mech
8	Dr. K. Nagarajan	Professor – MBA
10	Mr. Prabhakaran	Assistant Professor – MBA
11	Mr. R B Manoram	Assistant Professor – Mech
12	Mr. JyothiMurugan	Industry Expert
13	Mr. S. S. Vignesh	Alumni & Industry Expert
14	Mrs. S. Malliga Devi	Industry Expert
15	Mr. Gowtham Siddharth	Alumni & Industry Expert

Policy Drafting and Implementation Team

1. Dr.P.Ashoka Varthanan, IIC Convenor and Head of Mechanical Engineering Department
2. Mr.R.B.Manoram, Assistant Professor, Mechanical Engineering Department
3. Dr. K. Nagarajan, Professor - School of Management, SKCET
4. Mr. Prabhakaran, Assistant Professor, School of Management, SKCET

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Preamble

The All India Council of Technical Education (AICTE) released a Startup Policy document for AICTE approved institutions during November 2016, to address the need of inculcation of innovation and entrepreneurial culture in higher education Institutions (HEIs). Later during the year 2019, the MHRD's Innovation Cell formulated a National Innovation and Start-up Policy (NISP) as a guideline for all HEIs. The MHRD's innovation cell conducted series of follow-up workshops and trained the Institutions. This led to the formulation of new Start-up and Innovation policy for the Institution. A special committee was formed and this policy document is the brain child of subsequent deliberations that happened in the meetings.

Vision

The 'Innovation and Startup policy 2020' is a guiding framework to envision an educational system oriented towards start-ups and entrepreneurship opportunities for student and faculty members. The guidelines provide ways for developing entrepreneurial agenda, managing Intellectual Property Rights (IPR) ownership, technology licensing and equity sharing in Startups or enterprises established by faculty and students.

This policy framework shall motivate the young minds to indulge in innovation and pursue the entrepreneurial path for developing thyself and the Nation as a whole. Moreover, this policy document will guide the Institutions to attain the Prime Minister's vision of "Atmanirbhar Bharat".

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National Innovation and Startup Policy 2019 for Students and Faculty

1. Strategies and Governance

- a. Entrepreneurship promotion and development should be one of the major dimensions of the Institutions strategy. To facilitate development of an entrepreneurial ecosystem in the Institution, specific objectives and associated performance indicators should be defined for assessment.
- b. The entrepreneurial agenda should be the responsibility of the Head of the Institution and the Institution's Innovation Council of SKCET. Heads of all departments and the IIC of SKCET shall work together to successfully implement the entrepreneurship culture.
- c. Resource mobilization plan should be worked out at the institute for supporting pre-incubation, incubation infrastructure and facilities .A sustainable financial strategy should be defined in order to reduce the organizational constraints to work on the entrepreneurial agenda.
 - i. Investment in the entrepreneurial activities should be a part of the Institutional financial strategy. Minimum 1% fund of the total annual budget of the Institution should be allocated for funding and supporting innovation and startup related activities.
 - ii. The strategy should also involve raising funds from diverse sources including Government agencies (state and central) like DST, DBT, MHRD, AICTE, TDB, TIFAC, DSIR, CSIR, BIRAC, NSTEDB, NRDC, Startup India, Invest India, MeitY, MSDE, MSME, etc. and non-government sources should be encouraged.
 - iii. To support technology incubators, academic Institutes may approach private and corporate sectors to generate funds under Corporate Social Responsibility(CSR) as per Section 135 of the Company Act 2013.
 - iv. Institute may also raise funding through sponsorships and donations. Institute should actively engage alumni network for promoting Innovation & Entrepreneurship (I&E).
- d. For expediting the decision making, hierarchical barriers should be minimized and individual autonomy and ownership of initiatives should be promoted.
- e. Importance of innovation and entrepreneurial agenda should be known across the Institute and should be promoted and highlighted at Institutional programs such as smart india hackathon, conferences, convocations, workshops, etc.
- f. Action plan should be formulated at Institution level, with well-defined short-term and long-term goals. Micro action plan should also be developed by the affiliated Institutes to accomplish the policy objectives.

- g. Institute should develop and implement Innovation and Entrepreneurship (I&E) strategy and policy for the entire Institute in order to integrate the entrepreneurial activities across various centers, departments, faculties, within the Institutes, thus breaking the silos.
- h. Product to market strategy for startups should be developed by the Institute on case to case basis.
- i. Development of entrepreneurship culture should not be limited within the boundaries of the Institution.
 - i. Provision to extend Institution's facilities for outsiders at nominal charges (as decided from time to time) shall be considered.
 - ii. Strategic International partnerships shall be developed using bilateral and multilateral channels with international innovation clusters and other relevant organizations. Moreover, International exchange programs, internships, engaging the International faculty members in teaching and research shall also be promoted.

2 Startups Enabling Institutional Infrastructure

The pre Incubation and Incubation facilities available in the Institution shall be continuously enhanced through R&D/Institutional funds.

- a. The DST funded Innovation and Entrepreneurship Development Centre (IEDC) and the Institution funded Research Incubation Cell (RIC) shall be active in providing incubation support to the start-ups. The IEDC shall function as a self-sustained entity even after the funds from DST ceases.
- b. The fab-labs like SAE and SAR labs shall be accessible 24x7 to students, staff and faculty of all disciplines and departments across the Institution.
- c. In future, DST/MSME sponsored Technology Business Incubator may be set-up as a Special Purpose Vehicle (SPV).
- d. Institution may offer mentoring and other relevant services through Pre-incubation/ Incubation units in-return for nominal consultancy fees initially (decided time to time by the Head of the Institution). Later, the services may be offered on equity sharing basis after establishing SPV. The modalities regarding Equity Sharing in Startups supported through these units will depend upon the nature of services offered by these units and are elaborately explained in Section3.

3. Nurturing Innovations and Startups

- a. Institution shall establish processes and mechanisms for easy creation and nurturing of Start-ups/enterprises by students (UG, PG, Ph.D.), staff (including temporary or project staff), faculty, alumni and potential startup applicants even from outside the Institutions.
- b. While defining their processes, Institutions will ensure to achieve the following:
 - i. Incubation support: Offer access to pre-incubation & Incubation facility to startups by students, staff and faculty for mutually acceptable time-frame.
 - ii. Will allow licensing of IPR from Institute to start up: Ideally students and faculty members intending to initiate a startup based on the technology developed or co-developed by them or the technology owned by the institute, shall be allowed to take a license on the said technology on easy term, either in terms of license fees and/or royalty to obviate the early stage financial burden.
- c. Will allow setting up a startup (including social startups) and working part-time for the startups while studying / working: HEIs may allow their students / staff to work on their innovative projects and setting up startups (including Social Startups) or work as intern/part-time in start ups (incubated in any recognized HEIs/Incubators) while studying / working. Student inventors may be allowed to opt for start up in place of their mini project/ major project, seminars, summer trainings. The area in which student wants to initiate a startup may be interdisciplinary or multi- disciplinary.
- d. Students who are under incubation, but are pursuing some entrepreneurial ventures while studying shall be allowed to use their address in the Institute to register their company with due permission from the Head of the Institution. A request letter shall be forwarded to the Head of the Institution by the HoD of the department through the IIC. The Students will be given special permission to do works related to incubation. However, Students will be given permission to attend the examination only if they have above 65% attendance. Faculty members will also be allowed to indulge in start-up activities without affecting the works related to their academics.
- e. On merit basis, students entrepreneurs shall be allowed to sit for the examination, even if their attendance is less than the minimum permissible percentage, with due permission from the Head of the Institution.
- f. The students may be permitted to take a semester/year break (or even more depending upon the decision of review committee constituted by the Institute) to work on their startups and re-join academics to complete the course.
- g. The Institute shall explore provision of accommodation to the entrepreneurs within the campus for some period of time.
- h. Allow faculty and staff to take off for a semester/year(or even more depending upon the decision of Head of the Institution) as sabbatical/ unpaid leave/casual

leave/earned leave for working on startups and come back. Institution shall consider allowing use of its resource to faculty/students/staff wishing to establish start up as a fulltime effort. The seniority and other academic benefits during such period shall be preserved for such staff or faculty.

- i. Institute shall facilitate the startup activities/ technology development by allowing students/faculty/ staff to use Institute infrastructure and facilities, as per the choice of the potential entrepreneur in the following manners:
 - i Short-term/ six-month/ one-year part-time entrepreneurship training.
 - ii Mentorship support on regular basis.
 - iii Facilitation in a variety of areas including technology development, ideation, creativity, design thinking, fund raising, financial management, cash-flow management, new venture planning, business development, product development, social entrepreneurship, product- costing, marketing, brand-development, human resource management as well as law and regulations impacting a business.
 - iv Institute shall link the startups to other seed-fund providers/ angel funds/venture funds or it may setup seed-fund once the incubation activities mature.
 - v License Institute IPR as discussed in section 4 below.
- j. In return of the services and facilities, Institute may take consultancy fees (as decided by IIC and Head of the Institution). The Institution shall consider taking equity share from the start-up from 2% to 9.5% in the later stage, i.e, after establishing a SPV. The percentage of share shall depend on the type of support provided to the start-up.
- k. For staff and faculty, Institute shall not claim any equity or consultancy fees.
- l. Faculty / staff shall involve themselves in entrepreneurship / start-up activities without affecting their regular roles.
- m. The Institute will provide services based on fee-based model. Seed funds shall be provided only to student/alumni initially. The same may be explored for others after establishing SPV.
- n. Institute could extend this startup facility to alumni of the Institute as well as outsiders.
- o. Participation in startup related activities shall be considered as a legitimate activity of faculty in addition to teaching, R&D projects, industrial consultancy and management duties and shall be considered while evaluating the annual performance of the faculty. Every faculty may be encouraged to mentor atleast one startup/innovative project. Faculty who gets fund for start-up will be recognized through promotions and sufficient incentives
- p. Product development and commercialization as well as participating and nurturing of startups shall be added to a bucket of faculty-duties and each faculty would choose a

mix and match of these activities (in addition to minimum required teaching and guidance) and then respective faculty members are evaluated accordingly for their performance and promotion.

- q. Institute shall ensure that at no stage any liability accrue to it because of any activity of any startup.

4. Product Ownership Rights for Technologies Developed at Institute

- a. When institute facilities / funds are used substantially or when IPR is developed as a part of curriculum/ academic activity, IPR is to be jointly owned by inventors and the Institute.
- b. Inventors and Institute could together license the product/ IPR to any commercial organization, with inventors having the primary say. License fees could be either/or a mix of upfront fees or one-time technology transfer fees, royalty as a percentage of sale-price, shares in the company licensing the product (applicable after establishing SPV)
- c. If one or more of the inventors wish to incubate a company and license the product to this company, the royalties would be 4% of sale price for hardware product and 2% for pure software product. If it is shares in the company, shares will again be 4% (after establishing SPV).
- d. On the other hand, if product/IPR is developed by innovators not using any Institute facilities, outside office hours (for staff and faculty) or not as a part of curriculum by student, then product/IPR will be entirely owned by inventors in proportion to the contributions made by them. In this case, inventors can decide to license the technology to third parties or use the technology the way they deem fit.
- e. If there is a dispute in ownership, a minimum five member committee consisting of two faculty members (having developed sufficient IPR and translated to commercialization), two of the Institute's alumni/ industry experts (having experience in technology commercialization) and one legal advisor with experience in IPR, will examine the issue after meeting the inventors and help them settle this, hopefully to everybody's satisfaction.
- f. Institute IPR cell or incubation center will only be a coordinator and facilitator for providing services to faculty, staff and students. They will have no say on how the invention is carried out, how it is patented or how it is to be licensed. If institute pays for patent filing, they shall have a committee which can examine whether the IPR is worth patenting. The committee should consist of faculty who have experience and excelled in technology translation. If inventors are using their own funds or non-institute funds, then they alone should have a say in patenting.
- g. All Institute's decision-making body with respect to incubation / IPR / technology-licensing will consist of faculty and experts who have excelled in technology

translation.

- h. Interdisciplinary research and publication on startup and entrepreneurship shall be promoted by the institution. The record for which may be maintained by the R&D cell of the Institution.

5. Organizational Capacity, Human Resources and Incentives

- a. Institutes shall identify staff having strong connect towards innovation and entrepreneurship/ industrial experience and involve them in IIC activities. This will help in fostering the I&E culture.
 - i. Some of the relevant faculty members with prior exposure and interest shall be deputed for training to promote I&E.
 - ii. To achieve better engagement of staff in entrepreneurial activities, Institutional policy on career development of staff shall be developed with constant up-skilling.
- b. Faculty and departments of the Institutes have to work in coherence and cross-departmental linkages shall be strengthened through shared faculty, cross-faculty teaching and research in order to gain maximum utilization of internal resources and knowledge.
- c. Periodically, external subject experts such as industry personnel/ alumni shall be invited for interaction and provide strategic advice and bringing in skills which are not available internally.
- d. Faculty and staff shall be encouraged to do courses on innovation, IPR, entrepreneurship management and venture development.
 - e. In order to attract and retain right people, Institute shall develop incentives and reward mechanisms for all staff and stakeholders that actively contribute and support entrepreneurship agenda and activities.
 - i. The reward system for the staff may include sabbaticals, office and lab space for entrepreneurial activities, reduced teaching loads, awards, trainings, etc.
 - ii. Faculty and students may also be honoured with financial rewards to motivate the fellow members.

6. Creating Innovation Pipeline and Pathways for Entrepreneurs at Institute Level

- a. To ensure exposure of maximum students to innovation and pre-incubation activities at their early stage and to support the pathway from ideation to innovation to market, mechanisms shall be devised at Institution level.
 - i. Spreading awareness among students, faculty and staff about the value of entrepreneurship and its role in career development or employability.

- ii. Students/staff shall be educated that innovation (technology, processor business innovation) is a mechanism to solve the problems of the society and consumers. Entrepreneurs should innovate with focus on the market niche.
 - iii. Students shall be encouraged to develop entrepreneurial mind set through experiential learning by exposing them to training in cognitive skills (e.g. design thinking, critical thinking, etc.), by inviting first generation local entrepreneurs or experts to address young minds. Initiatives like idea and innovation competitions, hackathons, workshops, boot camps, seminars, conferences, exhibitions, mentoring by academic and industry personnel, throwing real life challenges, awards and recognition should be routinely organized.
 - iv. To prepare the students for creating the startups, integration of education activities with enterprise-related activities shall be encouraged.
- b. The institute shall link their start ups with wider entrepreneurial ecosystem and by providing support to students who show potential in pre-startup phase. Connecting student entrepreneurs with real life entrepreneurs will help the students in understanding real challenges which may be faced by them while going through the innovation funnel and will increase the probability of success.
- c. The IIC of the Institution shall be a pioneer in implementing the above mentioned points.
- d. For strengthening the innovation funnel of the institute, access to financing must be opened for the potential entrepreneurs.
 - i. Networking events shall be organized to create a platform for the budding entrepreneurs to meet investors and pitch their ideas.
 - ii. Business incubation facilities shall be provided at subsidized cost (as decided by the Head of the Institution from time to time). Laboratories, research facilities, IT services, training, mentoring, etc. shall be accessible to the new startups.
- e. A culture needs to be promoted to understand that money is not FREE and is risk capital. The entrepreneur must utilize these funds and pay back.
- f. Institute shall develop a ready reckoner of Innovation ToolKit, which must be kept on the homepage on Institute's website to answer the doubts and queries of the innovators and enlisting the facilities available at the Institute.

7. Norms for Faculty Startups

- a. Faculty members are also encouraged to involve themselves in start-up activities. They may support the Institutions in the following manner.
 - i. Role of faculty may vary from being an owner/ direct promoter, mentor,

consultant or as on-board member of the startup.

- ii. Faculty members shall float their own start-ups without compromising their assigned academic duties.
- iii. Faculty startup may consist of faculty members alone or with students or with faculty of other institutes or with alumni or with other entrepreneurs.
- b. In case the faculty/ staff holds the executive or managerial position for more than a month in a startup, they will go on sabbatical/ leave without pay/utilize existing leave.
- c. Faculty shall clearly separate and distinguish on-going research at the institute from the work conducted at the startup/company.
- d. In case of selection of a faculty startup by an outside national or international accelerator, a maximum leave (as sabbatical/ existing leave/ unpaid leave/ casual leave/ earned leave) of one semester/ year (or even more depending upon the decision of review committee constituted by the institute) may be given.
- e. Faculty must not accept gifts or money from the startup.
- f. Faculty must not involve research staff or other staff of Institute in activities at the startup and vice-versa.
- g. Human subject related research in startup should get clearance from Government of India and the ethics committee of the Institution

8. Pedagogy and Learning Interventions for Entrepreneurship Development

- a. Diversified approach shall be adopted to produce desirable learning outcomes, which should include cross disciplinary learning using mentors, labs, case studies, games, etc. in place of traditional lecture-based delivery.
 - i. The clubs and associations in the Institution, along with the IIC of SKCET shall focus on organizing various programs pertaining to innovation, entrepreneurship and IPR to nurture students towards innovation.
 - ii. Institution shall start a special annual 'INNOVATION & ENTREPRENEURSHIP AWARD' to recognize outstanding ideas, successful enterprises and contributors for promoting innovation and enterprises eco system within the Institute.
 - iii. For creating awareness among the students, the teaching methods shall include case studies on business failure and real-life experience reports by startups.
 - iv. Tolerating and encouraging failures: Our systems are not designed for tolerating and encouraging failure. Failures need to be elaborately discussed and debated to imbibe that failure is a part of life, thus helping in reducing the social stigma associated with it. Very importantly, this should be a part of Institute's philosophy and culture.
 - v. Innovation champions shall be nominated from within the students/ faculty/ staff for each department/stream of study.

- b. Entrepreneurship education shall be imparted to students at curricular/ co-curricular/ extra- curricular level through elective/short term or long-term courses on innovation, entrepreneurship and venture development.
 - i. Integration of expertise of the external stakeholders should be done in the entrepreneurship education to evolve a culture of collaboration and engagement with external environment.
 - ii. In the beginning of every academic session, Institute shall conduct an induction program about the importance of I&E so that freshly inducted students are made aware about the entrepreneurial agenda of the Institute and available support systems. Curriculum for the entrepreneurship education shall be continuously updated based on entrepreneurship research outcomes. This should also include case studies on failures.
 - iii. Industry linkages should be leveraged for conducting research and survey on trends in technology, research, innovation and market intelligence. More MoUs with start-ups may also be inked for knowledge sharing purpose.
 - iv. Sensitization of students should be done for their understanding on expected learning outcomes.
 - v. Customized video materials/learning materials should be available for the startups to guide them.
 - vi. It must be noted that not everyone can become an entrepreneur. The entrepreneur is a leader, who would convert an innovation successfully into a product, others may join the leader and work for the startup. It is important to understand that entrepreneurship is about risk taking. One must carefully evaluate whether a student is capable and willing to take risk.
- c. Pedagogical changes shall be carried out to ensure that maximum number of student projects and innovations are based around real life challenges. Learning interventions developed by the Institute for inculcating entrepreneurial culture shall be constantly reviewed and updated.

9. Collaboration, Co-creation, Business Relationships and Knowledge Exchange

- a. Stakeholder engagement shall be given prime importance in the entrepreneurial agenda of the Institute. Institute shall identify potential partners, resource organizations, micro, small and medium- sized enterprises (MSMEs), social enterprises, schools, alumni, professional bodies and entrepreneurs to support entrepreneurship.
 - i. To encourage co-creation, bi-directional flow/ exchange of knowledge, material and people shall be ensured between Institute and incubation / co-

incubation facilities

- ii. Institute shall organize networking events for better engagement of collaborators and should open up the opportunities for staff, faculty and students to allow constant flow of ideas and knowledge through meetings, workshops, lectures, etc.
 - iii. Mechanism shall be developed by the institute to capitalize on the knowledge gained through these collaborations.
 - iv. Care shall be taken to ensure that events DON'T BECOME an end goal. First focus of the incubator should be to create successful ventures.
- b. Institute shall provide support mechanisms and guidance for creating, managing and coordinating the relationships with Industries.
- i. Through formal and informal mechanisms such as internships, teaching and research exchange programmes, clubs, social gatherings, etc., faculty, staff and students of the institute shall be given the opportunities to connect with their external environment.
 - ii. The Institute shall depute Single Point of Contact (SPOC) of industry linkages and start-ups.
 - iii. Knowledge management shall be done by the Institute through development of innovation knowledge platform using in house Information & Communication Technology (ICT) capabilities.

10. Entrepreneurial Impact Assessment

- a. Impact assessment of institute's entrepreneurial initiatives such as pre-incubation, incubation, entrepreneurship education should be performed regularly using well defined evaluation parameters.
- i. Monitoring and evaluation of knowledge exchange initiatives, engagement of all departments and faculty in the entrepreneurial teaching and learning shall be assessed periodically.
 - ii. Number of startups created, support system provided at the Institutional level and satisfaction of participants, new business relationships created by the institute shall be recorded and used for impact assessment.
 - iii. Impact shall also be measured for the support system provided by the institute to the student entrepreneurs, faculty and staff for pre-incubation, incubation, IPR protection, industry linkages, exposure to entrepreneurial ecosystem, etc.
- b. Formulation of strategy and impact assessment should go hand in hand. The information on impact of the activities should be actively used while developing and reviewing the entrepreneurial strategy.

- c. Impact assessment for measuring the success should be in terms of sustainable social, financial and technological impact in the market. For innovations at pre-commercial stage, development of sustainable enterprise model is critical. COMMERCIAL success is the ONLY measure in long run.

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GLOSSARY

Accelerators	Startup Accelerators design programs in batches and transform promising business ideas into reality under the guidance of mentors and several other available resources.
Angel Fund	An angel investor is a wealthy individual who invests his or her personal capital and shares experiences, contacts, and mentors (as possible and required by the startup in exchange for equity in that startup). Angels are usually accredited investors. Since their funds are involved, they are equally desirous in making the startup successful.
Cash flow management	Cash flow management is the process of tracking how much money is coming into and going out of your business.
Co-Creation	Co-creation is the act of creating together. When applied in business, it can be used as is an economic strategy to develop new business models, products and services with customers, clients, trading partner or other parts of the same enterprise or venture.
Compulsory Equity	An equity share, commonly referred to as ordinary share also, represents the form of fractional or part ownership in which a shareholder, as a fractional owner, undertakes the maximum entrepreneurial risk associated with a business venture. The holders of such shares are members of the company and have voting rights.
Corporate Social Responsibility	Corporate social responsibility (CSR) is a self-regulating business model that helps a company be socially accountable – to itself, its stakeholders, and the public.
Cross-disciplinary	Cross-disciplinary practices refer to teaching, learning, and scholarship activities that cut across disciplinary boundaries.
Entrepreneurial culture	A culture/ society that enhance the exhibition of the attributes, values, beliefs and behaviors that are related to entrepreneurs.
Entrepreneurial Individuals	An Individual who has an entrepreneurial mindset and wants to make his/her idea successful.
Entrepreneurship education	Entrepreneurship education seeks to provide students with the knowledge, skills and motivation to encourage entrepreneurial success in a variety of settings.
Experiential learning	Experiential learning is the process of learning through experience, and is more specifically defined as learning through reflection on doing.
Financial management	Financial Management is the application of general principles of management to the financial possessions of an enterprise.
Hackathon	A hackathon is a design sprint-like event in which computer programmers and others involved in software development, including graphic designers, interface designers, project managers, and others, often including domain experts, collaborate intensively on software projects.
Host Institution	Host institutions refer to well-known technology, management and R&D

	Institutions working for developing startups and contributing towards developing a favorable entrepreneurial ecosystem.
Incubation	Incubation is a unique and highly flexible combination of business development processes, infrastructure and people, designed to nurture and grow new and small businesses by supporting them through the early stages of development.
Intellectual Property Rights Licensing	A licensing is a partnership between an intellectual property rights owner (licensor) and another who is authorized to use such rights (licensee) in exchange for an agreed payment (fee or royalty).
Knowledge Exchange	Knowledge exchange is a process which brings together academic staff, users of research and wider groups and communities to exchange ideas, evidence and expertise.
Pedagogy and Experiential Learning	It refers to specific methods and teaching practices (as an academic subject or theoretical concept) which would be applied for students working on startups. The experiential learning method will be used for teaching 'startup related concepts and contents' to introduce a positive influence on the thought processes of students. Courses like 'business idea generation' and 'soft skills for startups' would demand experiential learning rather than traditional class room lecturing. Business cases and teaching cases will be used to discuss practical business situations that can help students to arrive at a decision while facing business dilemma(s). Field based interactions with prospective customers; support institutions will also form a part of the pedagogy which will orient the students as they acquire field knowledge.
Pre-incubation	It typically represents the process which works with entrepreneurs who are in the very early stages of setting up their company. Usually, entrepreneurs come into such programs with just an idea of early prototype of their product or service. Such companies can then graduate into full-fledged incubation programs.
Prototype	A prototype is an early sample, model, or release of a product built to test a concept or process.
Science parks	A science park, also known as a research park, technology park or innovation centre, is a purpose-built cluster of office spaces, labs, workrooms and meeting areas designed to support research and development in science and technology.
Seed fund	Seed fund is a form of securities offering in which an investor invests capital in a startup company in exchange for an equity stake in the company.
Special Purpose Vehicle	Special purpose vehicle, also called a special purpose entity, is a subsidiary created by a parent company to isolate financial risk. Its legal status as a separate company makes its obligations secure even if the parent company goes bankrupt.
Startup	An entity that develops a business model based on either product innovation or service innovation and makes it scalable, replicable and self-reliant and as defined in Gazette Notification No. G.S.R. 127(E)

	dated February 19, 2019.
Technology Business Incubator	Technology Business incubator (TBI) is an entity, which helps technology-based startup businesses with all the necessary resources/support that the startup needs to evolve and grow into a mature business.
Technology Commercialization	Technology commercialization is the process of transitioning technologies from the research lab to the marketplace.
Technology licensing	Agreement whereby an owner of a technological intellectual property (the licensor) allows another party (the licensee) to use, modify, and/or resell that property in exchange for a compensation.
Technology management	Technology management is the integrated planning, design, optimization, operation and control of technological products, processes and services.
Venture Capital	It is the most well-known form of startup funding. Venture Capitalists (VCs) typically reserve additional capital for follow-up investment rounds. Another huge value that VCs provide is access to their networks for employees or clients for products or services of the startup.

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INNOVATION AND ENTREPRENEURSHIP: VISION DOCUMENT

Action Plan Format to be implemented through IIC at HEI

Vision

The Research and Incubation Cell (RIC) of Sri Krishna College of Engineering and Technology strives to promote the culture of innovation among the faculty and students thus paving way for new product development, IPR creation and start-up promotion.

Objectives:

1. To formulate suitable Institutional mechanisms for motivating students and faculty to indulge in innovation related practices like participating in contests/hackathons, filing IPRs, commercializing technology transfers and establishing start-ups.
2. To impart appropriate training to faculty members in order to promote innovation and entrepreneurship culture among the students and mentor the innovative ideas towards start-up.
3. To create appropriate physical infrastructure for promoting the entrepreneurship culture and generate income thereon.
4. To harness the potential of nearby industry experts and alumni entrepreneurs to impart appropriate knowledge and skill sets to the students and faculty.
5. To improve the collaborations with industries and start-ups to enable the budding engineers to innovate and develop new products

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Annexure-I: Action Plan:-Planned Programs, Activities, Budget Allocation, and Annual Targets

I&E Policy Objectives	Thrust Area	Planned Intervention: Program/Activities (Input)	Unit of Measurement (KPIs)	Current Status (Baseline Value)	Budget Allocation / Collaboration (Resource /Source)	Annual Targets (Process /Output)			
						1 quadrant	2 quadrants	3 quadrants	4 quadrants
Objective 1: To formulate suitable Institutional mechanisms for motivating students and faculty to indulge in innovation related practices like participating in contests/hackathons, filing IPRs, commercializing technology transfers and establishing start-ups.	Participation in Hackathons and Contests	1. Conduct Hackathons, Project Contest, Idea and Business Plan Contests	Number of hackathons, project contest and business plan contests (Internal / External)	1). 119	1). Rs. 1,23,70,262	60	40	50	45
		2. Encourage students to participate in Hackathons, Project Contest, Idea and Business Plan Contests organized by other Institutions	Number of students won prizes in hackathons, project contest and business plan contests conducted by other colleges.	2). 129	2). Rs. 7,307,039	45	30	35	35
	IPR related Activities	1. Conduct and participate in programmes pertaining to IPR 2. Create expert groups	Number of IPR programmes (Internal/External)	1). 4	1). Rs. 6,90,500	4	2	3	2

			Number of IPRs filed	2). 57	-	15	12	18	16
		1. Train faculty and students in new product development	Number of training programmes pertaining to innovation (Internal/ External)	275	Rs. 82,05,245	75	72	70	65
		2. Provide seed money	Number of new products developed	533	Rs. 1,48,99,247	90	125	165	205
			Number of products at TR 7 and above level	9	Rs. 56,93,134.3	3	5	10	25
			Value of Seed Money from Institution	-	Rs. 1,74,000	-	-	-	-
			Value of funds received from Government and private agencies for product building	-	Rs. 1,09,44,679.3	-	-	-	-
			Income generated from new products	Rs. 16,00,000	-	-	-	-	-
	Commercialization and Technology Transfer								

income thereon.			allocated by Institution for infrastructure related to innovation and start-ups Total number of Centre of Excellence, Research Labs and Fab Labs established	48	Rs. 1,46,39,1992	4	1	1	1
	Lab Infrastructure Budget	1. Funds allotted to upgrade Lab Infrastructure	- Value of Funds allocated for Lab equipment purchase - Number of Equipment purchased	Rs. 4,72,27,100	-	-	-	-	-
	Generate Income	1. Encourage faculty to participate in trade fairs, visit industries 2. Increase number of start-ups	- Total number of start-ups generated - Income generated from new	16 Rs. 16,00,000	- -	5 -	8 -	5 -	9 -

			- product commercialization - Income generated from consultancy and start up activities	Rs. 2,16,000	-	-	-	-	-
Objective 4: To harness the potential of nearby industry experts and alumni entrepreneurs to impart appropriate knowledge and skill sets to the students and faculty.	Interaction with Industry Experts	1. Encourage faculty to participate in trade fairs, visit industries 2. Invite industry experts for guest talks	Number of guest talks by industry experts	186	Rs. 11,16,000	55	70	45	60
	Interaction with Alumni	1. Encourage faculty and students to visit alumni industries 2. Invite alumni experts for guest talks	Number of guest talks by alumni	78	-	15	15	20	40
	Interaction with Start-ups	1. Visit start-ups/incubation units 2. Encourage students to pursue internships	- Number of visits to incubation units by faculty / students - Number of students taking up internships	24 1250	- -	- -	- -	- -	- -
Objective 5:	MoUs with Industries	1. Encourage faculty to participate in trade fairs, visit industries 2. Invite industry experts for guest talks	Total number of MoUs signed with industries	40	-	15	10	15	12

To improve the collaborations with industries and start-ups to enable the budding engineers to innovate and develop new products.									
	MoUs with Start-ups/ Incubation Units	1. Visit start-ups/incubation units 2. Encourage students to pursue internships	• Total number of MoUs signed with Start-ups and Incubation units	16	-	5	7	8	4
	New Products Developed	1. Train faculty and students in new product development 2. Provide seed money 3. Encourage students and faculty to participate in contests and hackathons	• Number of training programmes pertaining to innovation/ start-ups/IPR (Internal/ External)	381	Rs. 1,05,86,568	115	110	78	155
			• Number of new products developed	533	Rs. 1,48,99,247	90	125	165	205
			• Number of products at TR 7 and above level	9	Rs. 56,93,134.3	3	5	10	25
			• Value of Seed Money from Institution	-	Rs. 1,74,000	-	-	-	-
			• Value of funds received from Government and private	-	Rs. 1,09,44,679.3	-	-	-	-

			agencies for product building						
			Income generated from new products	Rs. 16,00,000	-	-	-	-	-
			Number of students won prizes in hackathons, project contest and business plan contests conducted by other colleges.	129	Rs. 7,307,039	45	30	35	35

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SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
KUNIAMUTHUR, COIMBATORE – 641008.

Planning and setting targets for Programs, timeline and Resource Allocation

S.No	Name of the Programme	Target Months				Budget Allocated in Rs.
		July-Sep	Oct-Dec	Jan-March	April-June	
1	Skill Development Program - Automotive	✓	—	—	—	276352
2	Innovation Technology series: Kinematic Analysis of Mechanisms	✓	—	—	—	4000
3	Vehicle Dynamics and Innovation Development Process	✓	—	—	—	2500
4	Opportunities for an Entrepreneur	✓	—	—	—	2500
5	Innovative Practices in Civil Engineering	✓	—	—	—	6000
6	Innovation Technology Series: Advancements in STAAD Pro- Connect Edition	✓	—	—	—	11000
7	Innovation Technology Series: Nominal Concrete Mix	✓	—	—	—	10000
8	Innovations in SCM	✓	—	—	—	5000
9	Innovation Technology Series: Emerging contaminants in the Environment	✓	—	—	—	10000
10	Practical Aspects of Estimation and Quantity Surveying for Civil Entrepreneurs	✓	—	—	—	5000
11	Innovation Technology Series: Geotechnical Engineering and Applications	✓	—	—	—	5000
12	Real-Time Problem Solving for Entrepreneurs	✓	—	—	—	15000
13	Software defined Everything in innovation	✓	—	—	—	20000
14	Information Technology for Entrepreneur	✓	—	—	—	50550
15	Decidable and Undecidable Languages for student start-up	✓	—	—	—	20000
16	Innovation Technology Series: Data Science and Artificial Intelligence	✓	—	—	—	10000
17	Vision on Logical thinking in programming, Advanced Tools and Techniques in Web Development and Javascript - Industry perspectives	✓	—	—	—	15000
18	Innovation Technology Series: Building Enterprise Blockchain Solution	✓	—	—	—	15000
19	Innovation Technology Series: Intelligent Agent and it's Applications	✓	—	—	—	10000
20	Techie Bingo and Rise Engineers Activity	✓	—	—	—	10000

S.No	Name of the Programme	Target Months				Budget Allocated in Rs.
		July-Sep	Oct-Dec	Jan-March	April-June	
21	Innovation Technology Series: Agile Process in Software Project management	✓	—	—	—	20000
22	Innovations in Cloud Computing	✓	—	—	—	10500
23	Career choices and options for budding start-ups	✓	—	—	—	10000
24	Innovation Technology Series: Next Gen Platform for IoE	✓	—	—	—	10500
25	E-Commerce Implications in Global Slowdown	✓	—	—	—	20000
26	Artificial Intelligence for Business Transformation	✓	—	—	—	20000
27	Significance of Web Design and Development in Entrepreneurship	✓	—	—	—	10000
28	Innovation Technology Series: Industrial Cloud Practices	✓	—	—	—	10000
29	Innovation Technology Series: CANVAS APP	✓	—	—	—	15000
30	Cloud for New Start-ups	✓	—	—	—	20000
31	Docker and Kubernetes	✓	—	—	—	10000
32	IoT: Connectivity to Cognition	✓	—	—	—	45000
33	Innovation Technology Series: Data Science in Medical Troop	✓	—	—	—	25000
34	Role of Database Management System for start up company	✓	—	—	—	35000
35	Innovation Technology Series: Cyber Security and Computer Forensics	✓	—	—	—	20000
36	Insights into mobile APP development for Entrepreneurs	✓	—	—	—	10000
37	Innovation Technology Series: Machine Learning and Deep Neural Networks	✓	—	—	—	15000
38	Current Trends in Digital Signature for Entrepreneurs	✓	—	—	—	25500
39	Innovation Technology Series: Python for Professionals	✓	—	—	—	10000
40	Innovation Technology Series: Cloud Computing with AWS	✓	—	—	—	10000
41	Innovation Technology Series: Block chain technology in IT field	✓	—	—	—	25000
42	React - A JavaScript library for building innovative user interfaces	✓	—	—	—	25000
43	Java Project innovations in IT field	✓	—	—	—	10000
44	Innovation Technology Series: 5G networks	✓	—	—	—	20000
45	Getting started with Angular Framework for entrepreneur	✓	—	—	—	10500
46	Innovative Web designing	✓	—	—	—	20000

S.No	Name of the Programe	Target Months				Budget Allocated in Rs.
		July-Sep	Oct-Dec	Jan-March	April-June	
47	Innovation Technology Series I: Hands on Training using ICT tools & Website/Blog Design	✓	—	—	—	10000
48	Innovation Technology Series II: Hands on training using ICT Tools mobile & web	✓	—	—	—	10000
49	Innovation Technology Series III: Hands on training using ICT Tools mobile & web	✓	—	—	—	10250
50	Innovation Technology Series IV: Hands on training using ICT Tools mobile & web	✓	—	—	—	11000
51	IOT Analytics in Electrical Automation & Innovations	✓	—	—	—	7052
52	Innovation Technology Series: Next Generation of Semiconductor Devices	—	✓	—	—	2500
53	Innovative Industrial Electronics	—	✓	—	—	2500
54	Recent Innovation in Renewable Energy Systems	—	✓	—	—	3000
55	Innovative Design of Digital Circuits for real time application using FPGA	—	✓	—	—	3000
56	Innovation Technology Series: Energy Auditing and Conservation Techniques	—	✓	—	—	2500
57	Innovation Technology Series: Power System Applications & Its Opportunities	—	✓	—	—	2500
58	Innovation Technology Series: Waste Management and Sustainable Energy	—	✓	—	—	2500
59	Innovation Technology Series: Advancements in Special Electrical Machines	—	✓	—	—	3000
60	Leading strategy for Entrepreneurs	—	✓	—	—	3000
61	Transformation towards digital platform: An Entrepreneur Perspective	—	✓	—	—	3000
62	Logical Thinking for Entrepreneurs	—	✓	—	—	3500
63	Need of Cybersecurity in Digital Industry: An Innovative Approach	—	✓	—	—	3800
64	Innovation Technology Series: Overview of Machine learning algorithms	—	✓	—	—	2650
65	Innovation on Automotive Embedded system	—	✓	—	—	2500

S.No	Name of the Programe	Target Months				Budget Allocated in Rs.
		July-Sep	Oct-Dec	Jan-March	April-June	
66	Innovative Technologies Driving the Automotive Industry	—	✓	—	—	2500
67	Modern Automotive Sensors: An innovative idea	—	✓	—	—	3000
68	Overview of opportunity for entreprenurs in Automotive System in 2018 – 2030	—	✓	—	—	3850
69	Innovations in Automotive embedded system	—	✓	—	—	6200
70	Innovation Technology Series: LoR WAN based IoT applications for Automotive Sectors	—	✓	—	—	4500
71	Innovation Technology Series: Hybrid Electric Vehicles	—	✓	—	—	2800
72	Innovative Electronic Engine Management System	—	✓	—	—	3850
73	Innovation Technology Series: Internet of things in Automotive Industry	—	✓	—	—	3500
74	Innovative technologies in Renewable Energy Systems	—	✓	—	—	3800
75	Innovation Technology Series: IoT applications for Automotive Sectors	—	—	✓	—	6800
76	Innovation Technology Series: Modern Automotive Sensors	—	—	✓	—	5200
77	Vehicles/ Electric Hybrid Electric Vehicles – An Innovative talk series	—	—	✓	—	3000
78	Innovation Technology Series: Automotive System	—	—	✓	—	3000
79	Innovation Technology Series: Networking Protocols of hybrid sensor	—	—	✓	—	5000
80	Innovation Technology Series: E-kart System	—	—	✓	—	3800
81	Innovation Technology Series: IOT Analytics	—	—	✓	—	2800
82	Innovation Technology Series: Driving Technologies of Modern Industry	—	—	✓	—	2800
83	Innovation Technology Series: Safety Systems	—	—	✓	—	3000
84	Innovation Technology Series: Vehicles/ Hybrid Electric Vehicles - Management	—	—	✓	—	4500
85	Innovation Technology Series: Electronic Engine Management System	—	—	✓	—	5800
86	Innovation Technology Series: Workshop on ETAP Software	—	—	✓	—	2500
87	Innovation Technology Series: Next Generation of Semiconductor Devices	—	—	✓	—	2500

S.No	Name of the Programe	Target Months				Budget Allocated in Rs.
		July-Sep	Oct-Dec	Jan-March	April-June	
88	Innovation Technology Series: Design of Dital Circuits for real time application using FPGA	—	—	✓	—	3500
89	Innovative Driver/ Driverless Assistance Systems	—	—	✓	—	3500
90	Hands on training on Autonomous Vehicles	—	—	✓	—	2500
91	Innovation Technology Series: Active and Passive Safety Systems	—	—	✓	—	3500
92	Innovation Technology Series: Automotive Networking Protocols	—	—	✓	—	2850
93	Innovations in LABVIEW	—	—	✓	—	3000
94	Innovation Technology Series: Recent Trends in Industrial Electronics & innovations	—	—	✓	—	3850
95	Power System Applications and Its Innovations	—	—	✓	—	2850
96	Innovation Technology Series: Deep Learning and Computational Intelligence in Bioinformatics	—	—	✓	—	22000
97	Workshop on Haptic Technology for innovative design of soft Robots	—	—	✓	—	30625
98	Innovations in Electromagnetics	—	—	✓	—	8400
99	Innovations in Electronic Circuits	—	—	✓	—	7500
100	Hands on training on Microcontroller and Interfacing using MSP430, ARM and Arduino	—	—	✓	—	6000
101	Data Acquisition and Analysis for Internet of Things Applications and innovations	—	—	✓	—	15500
102	Seminar on Smart Device and Home Entertainment System	—	—	✓	—	3000
103	Innovation Technology Series: Fabrication of application specific ICs	—	—	✓	—	7100
104	Innovation Technology Series: Real time applications of ARM 7 and ARM 9	—	—	✓	—	5000
105	Innovative Technologies in Robotics and IoT	—	—	✓	—	4500
106	BICOS,HCMOS and their innovative applications in Nano design.	—	—	✓	—	6200
107	Machine learning and IoT applications & innovationes	—	—	✓	—	30000
108	Hands on session on ARM board development with IoT	—	—	✓	—	9200
109	Programming on Arduino and node MCU innovation	—	—	✓	—	4500

S.No	Name of the Programme	Target Months				Budget Allocated in Rs.
		July-Sep	Oct-Dec	Jan-March	April-June	
110	Entrepreneurial Technologies in Robotics and IOT	—	—	✓	—	3000
111	Workshop on IoT for embedded system made easier with Arduino innovation	—	—	✓	—	15300
112	Impact of EM radiation hazards in design of Electronic products and innovations	—	—	✓	—	3000
113	Innovations and Real time applications of ARM7 and ARM 9 Processor	—	—	✓	—	3000
114	Innovation Technology Series: 5G technology and reconfigurable architecture	—	—	✓	—	3000
115	Innovation Technology Series: Exploring MATALB for Image Compressing Techniques	—	—	✓	—	15300
116	Innovation Technology Series: OrCAD PSpice Designer tool	—	—	✓	—	17200
117	Mprinting Innovation - Student Contest - 2022	—	—	✓	—	7500
118	Innovations on ARDUINO and Python	—	—	✓	—	5500
119	Innovation Technology Series: World Robotic Championship	—	—	✓	—	6000
120	Innovation Technology Series: System on chip Design and verification	—	—	✓	—	6100
121	Innovation Technology Series: Autonomous Robotic Vechicle	—	—	✓	—	5500
122	Innovation Technology Series: Recent trends in Analog and Pulse Communication	—	—	✓	—	3000
123	Innovation Technology Series:Augmented Reality	—	—	✓	—	16300
124	Innovation Technology Series: Edge Computing	—	—	✓	—	5500
125	Innovation Technology Series: FOTA(Flash Over -The-Air) for Automobiles	—	—	✓	—	3000
126	Innovation Technology Series: Digital Signal Processing	—	—	✓	—	24000
127	Seminar on leadership skills	—	—	✓	—	3000
128	Innovation Technology Series: Deep Learning for Radar & Wireless Communications	—	—	✓	—	3000
129	Introduction to Deep Learning for Entrepreneurs	—	—	✓	—	3000
130	Innovation Technology Series: IoT in Automotive industries	—	—	✓	—	3000
131	Workshops on Design Thinking	—	—	✓	—	3000
132	Innovation Technology Series: Semiconductor Power Validation	—	—	✓	—	3000

S.No	Name of the Programme	Target Months				Budget Allocated in Rs.
		July-Sep	Oct-Dec	Jan-March	April-June	
133	Innovation Technology Series: 5G Hybrid Beamforming Design	—	—	✓	—	3000
134	Innovation Technology Series: Big Data & Data Analytics	—	—	✓	—	3000
135	Innovations on PCB design	—	—	✓	—	3000
136	innovations in Data Science	—	—	✓	—	3000
137	Innovation Technology Series: Securely Connect and Scale Remote Workforces	—	—	✓	—	3000
138	Innovation Technology Series: Deployment of Telehealth: A perspective for Technologists	—	—	✓	—	3000
139	Innovations on Deep Learning with MATLAB	—	—	✓	—	3000
140	Innovation Technology Series I: IoT in Non-Automotive Industries with Embedded linux	—	—	✓	—	3000
141	Innovation Technology Series II: IoT based Vehicle Vibration Prediction using RNN	—	—	✓	—	3000
142	Deep Learning in Agricultural Innovation: MATLAB for Plant Classification	—	—	✓	—	3000
143	Innovation Technology Series: Systems Programming and Avenues	—	—	✓	—	3000
144	Multiphysics Modelling and innovations in Piezoelectric Sensors and Actuators	—	—	✓	—	3000
145	5G Network Slicing: Ensuring Successful Implementation, Innovation and Validation	—	—	✓	—	3000
146	Chatbots to automate operational functions.	—	—	✓	—	3000
147	Innovation Technology Series: Take Back Control of Your DNS Traffic	—	—	✓	—	3000
148	Innovation Technology Series: Image Processing and Computer Vision with MATLAB	—	—	✓	—	3000
149	Innovation Technology Series: Reimagining QA in Digital Transformation	—	—	✓	—	3000
150	Innovations on Automation in industries	—	—	✓	—	3000
151	5G Small-Cell Base Station Antenna Array Design with CST Studio Suite	—	—	✓	—	3000
152	Machine Learning: Proven Applications and New Features	—	—	✓	—	3000

S.No	Name of the Programme	Target Months				Budget Allocated in Rs.
		July-Sep	Oct-Dec	Jan-March	April-June	
153	Innovation Technology Series: Build Something! MATLAB and Simulink for Hardware Projects	—	—	✓	—	3000
154	Google Cloud Platform Innovations and Core Infrastructure	—	—	✓	—	3000
155	Innovative Vision-Based Inspection and Defect Detection for Industrial Applications	—	—	✓	—	3000
156	Google Cloud Platform Innovations Core Infrastructure Part II	—	—	✓	—	3000
157	Innovation Technology Series: PLC Applications	—	—	✓	—	3000
158	Innovations on Information Technology	—	—	✓	—	7540
159	Innovative Real Time Operating system Full Preemptive Implementation	—	—	✓	—	15000
160	Innovation Technology Series: Data Analytics	—	—	✓	—	8000
161	Demo Day : Project Expo	—	—	✓	—	55000
162	National Conference on Recent Trends in Advance Computing	—	—	✓	—	10000
163	Innovation Technology Series: ICT Cloud Literacy Program	—	—	✓	—	8500
164	An enterprise perspective on Block chain technology	—	—	✓	—	74000
165	NCSC - Entrepreneurial workshop	—	—	✓	—	7500
166	The Entrepreneurial Journey	—	—	✓	—	7000
167	E-content Development for a bussiness	—	—	✓	—	6500
168	Conference on Innovation in Indian Cyber congress	—	—	✓	—	1793400
169	The Latest Innovations and Developments in Cryptography	—	—	✓	—	8000
170	Innovations in Data Analytics and Business Insights	—	—	✓	—	8500
171	Innovation Technology Series: Block Chain Technology	—	—	✓	—	9000
172	Innovation Technology Series: Advanced Biometrics	—	—	✓	—	8000
173	Innovations in Digital Continuity using Dassault Systems 3D Experience Platform	—	—	✓	—	6000
174	Supporting Tools and Technologies for Full Stack innovation	—	—	✓	—	8750
175	Innovation Technology Series: The Business case for serverless computing	—	—	✓	—	9750
176	Innovation Technology Series: SAP Tools for Data Analytics	—	—	✓	—	6250
177	Innovation Technology Series: Industrial Tools: Docker, Git, Jenkins and Maven for testing	—	—	✓	—	6350
178	Innovation in Java Framework	—	—	✓	—	8350

S.No	Name of the Programme	Target Months				Budget Allocated in Rs.
		July-Sep	Oct-Dec	Jan-March	April-June	
179	Innovation Technology Series: Take Back Control of Your DNS Traffic	—	—	✓	—	7580
180	Innovation Technology Series: DevOps	—	—	✓	—	9250
181	Innovations Industrial Automation Absorbed by IT	—	—	✓	—	6750
182	Innovation Technology Series: Machine Learning	—	—	✓	—	8550
183	Innovation Technology Series: Web Technology using PHP	—	—	✓	—	6580
184	Hands-on-Training on Assembling and Dis-Assembling IC Engines	—	—	✓	—	5500
185	Product Development using Welding Process	—	—	✓	—	5500
186	Innovations in Automobile Engineering and Technology	—	—	✓	—	5500
187	Hands- on-Training on IC Engine and Gear Box innovation	—	—	✓	—	5500
188	Innovations in Hydraulic Machines	—	—	✓	—	6000
189	Workshops on Solidworks for entrepreneurs	—	—	✓	—	2500
190	Innovation Technology Series: Lean and Six Sigma Certifications	—	—	✓	—	5500
191	Innovation on Air Compressor and CFD Analysis	—	—	✓	—	5500
192	Charms of Becoming an Entrepreneur and the Skills to be Developed	—	—	✓	—	3500
193	Dismantling and Assembling of IC Engine and Gear Box	—	—	✓	—	5500
194	Innovation Technology Series: FEA Techniques in New Product Development	—	—	✓	—	6000
195	Innovations In Automotive Industries	—	—	✓	—	6000
196	Electric Vehicle Dynamics and Smart Connected innovations in Automations	—	—	✓	—	7500
197	Impact of Automation in Industrial innovation	—	—	✓	—	5500
198	Innovation Technology Series: Industry IOT	—	—	✓	—	1500
199	Innovation Technology Series: Foundry 4.0 - Opportunities and Challenges	—	—	✓	—	3000
200	Scope of CAE in Industrial innovation	—	—	✓	—	2500
201	Entering a New Era using Simulation Technology for Aircraft Electrification	—	—	✓	—	6000
202	Innovation Technology Series: Ansys LS-DYNA Overview	—	—	✓	—	5000
203	Innovations in Aircraft Instruments	—	—	✓	—	5000

S.No	Name of the Programe	Target Months				Budget Allocated in Rs.
		July-Sep	Oct-Dec	Jan-March	April-June	
204	Innovation Technology Series: Introduction to 3D Modelling using Fusion 360 for innovative project designs	—	—	✓	—	2500
205	Innovation Technology Series: Identify Aircraft Community Noise Sources and Reduce its Impact Using Simulia Fluids Solutions	—	—	✓	—	3000
206	Innovation Technology Series: Predicting Additive Manufacturing Build Cracks Using XFEM	—	—	✓	—	5000
207	Innovation Technology Series: Six Sigma	—	—	✓	—	2500
208	Innovation Technology Series: Additive Manufacturing	—	—	✓	—	2500
209	Innovation Technology Series: Braking System for Autonomous Vehicles	—	—	✓	—	3000
210	Innovation Technology Series: Non Destructive Testing and ASNT	—	—	✓	—	2500
211	Innovation Technology Series: Sustainable Energy	—	—	✓	—	3000
212	Innovations in Manufacturing of Combat Aircraft	—	—	✓	—	4000
213	Innovation Technology Series: 3D Printing Training	—	—	✓	—	4000
214	Innovation Technology Series: Trends in Mechanics	—	—	✓	—	1500
215	Innovations and development of Solar Project - Residential and Commercial Scale Systems	—	—	✓	—	3000
216	Creativity and Innovation for Engineers	—	—	✓	—	3000
217	Future trends in Automotive Industry Innovation	—	—	✓	—	3000
218	Innovation Technology Series: Machine Vision	—	—	✓	—	1500
219	Innovation Technology Series: Automotive NVH	—	—	✓	—	1200
220	Innovation Technology Series: Lean Manufacturing	—	—	✓	—	1500
221	Innovation Technology Series: Power Plant Cycles	—	—	✓	—	3500
222	Innovation Technologies In Foundry	—	—	✓	—	1500
223	Additive Manufacturing: Innovations, Applications And Envisaged Developments	—	—	✓	—	3800
224	Aerospace Carbon Fiber Composites with Built in Innovations Functionality	—	—	✓	—	2000
225	Design and Manufacturing Technology in Industries	—	—	✓	—	2000

S.No	Name of the Programme	Target Months				Budget Allocated in Rs.
		July-Sep	Oct-Dec	Jan-March	April-June	
226	Innovative Techniques in Automation and Production Management	—	—	✓	—	2000
227	Innovations in Manufacturing of Cutting Tools	—	—	✓	—	2000
228	Innovation Technology Series: Importance of Tolerancing in Engineering Design	—	—	✓	—	2000
229	Innovation Technology Series: Braking System in Automobiles	—	—	✓	—	5500
230	Industrial Management & Professional Ethics for entrepreneurs	—	—	✓	—	3000
231	Measurement and Instrumentation Tooling Innovations in Labview Software	—	—	✓	—	38000
232	Innovations in Electrical Machines and Controls	—	—	✓	—	27000
233	Innovations in Industrial Robotics	—	—	✓	—	37800
234	Embedded Application in Electric Vehicle Innovation	—	—	✓	—	41320
235	Innovations in Gasoline Engine Management - System and Components	—	—	✓	—	24250
236	Recent Trends in Industrial Automation	—	—	✓	—	3500
237	Automation and robotic innovations	—	—	✓	—	3800
238	Innovation Technology Series: Industrial Automation	—	—	✓	—	18600
239	Innovation Technology Series: Vehicle diagnostics	—	—	✓	—	84000
240	Innovation Technology Series: Vision system	—	—	✓	—	48200
241	Innovations in Mechatronics	—	—	✓	—	31400
242	Innovation Technology Series: Programmable Logic Controller	—	—	✓	—	22520
243	Innovation Technology Series: Software Quality Engineering	—	—	✓	—	44500
244	Software Quality Assurance and Project Management	—	—	✓	—	34422
245	Innovations in Cyber security and Ethical Hacking	—	—	✓	—	28410
246	Cloud Computing - A platform for Your Creativity and innovative thinking	—	—	✓	—	59406
247	Innovation Technology Series: Internet of Things	—	—	✓	—	29400
248	Innovation Technology Series: Process control & Automation to Digitalization	—	—	✓	—	34120
249	Innovation Technology Series: Industry 4.0 for Automotive Plant Maintenance	—	—	✓	—	45400
250	Simulation and Modelling Software's - an innovative view	—	—	✓	—	34210

S.No	Name of the Programe	Target Months				Budget Allocated in Rs.
		July-Sep	Oct-Dec	Jan-March	April-June	
251	Technology and Sustainability of Electric Vehicle innovations	—	—	✓	—	35200
252	Innovations in Welding Process / Technologies	—	—	✓	—	48500
253	Innovation Technology Series: Failure Analysis on Solid State Drives	—	—	✓	—	34600
254	Innovation Technology Series: Importance of Coding	—	—	✓	—	34200
255	Planning and Approval Process for Startups	—	—	✓	—	12000
256	Engineering Entrepreneur Awareness Program	—	—	✓	—	8500
257	English for Entrepreneurs	—	—	✓	—	3000
258	Ethics for Entrepreneurs	—	—	✓	—	3700
259	Core Project Contest	—	—	✓	—	3500
260	Language for Entrepreneurs	—	—	✓	—	7000
261	Strategies of Student Entrepreneurs	—	—	✓	—	6500
262	The Art of Design Thinking	—	—	✓	—	7000
263	Digitization and Design Thinking	—	—	✓	—	9500
264	In House Hackathon - 2022	—	—	✓	—	10000
265	Project Expo	—	—	✓	—	200000
266	Entrepreneurship Awareness Camp - I	—	—	✓	—	48000
267	Entrepreneurship Awareness Camp - II	—	—	✓	—	50000
268	Entrepreneurship Awareness Camp - III	—	—	✓	—	40000
269	IPR And Patent Drafting	—	—	✓	—	5500
270	Project Management	—	—	✓	—	2500
271	Drafting Effective Project Proposal	—	—	✓	—	5000
272	The Future of Making Entrepreneur	—	—	✓	—	1800
273	Uncertainty and Managing Uncertainty - at Down Trends	—	—	✓	—	2500
274	Entrepreneurs opportunities after Disaster - a Case approach	—	—	✓	—	5000
275	Digital Entrepreneurship	—	—	✓	—	1800
276	Companies Fresh Start Schemes	—	—	✓	—	3800
277	Women Entrepreneuers Strength in Numbers	—	—	✓	—	3500
278	Startup in Global Crisis	—	—	✓	—	2800
279	Making Future Bright	—	—	✓	—	3000
280	Innovation Day	—	—	✓	—	7700
281	Internal Hackathon	—	—	✓	—	52000
282	Entrepreneurship Traits	—	—	✓	—	15000
283	Entrepreneurship Training - Team work	—	—	✓	—	20000

S.No	Name of the Programme	Target Months				Budget Allocated in Rs.
		July-Sep	Oct-Dec	Jan-March	April-June	
284	Entrepreneurs opportunities in Mechatronic Engineering	—	—	✓	—	3000
285	Entrepreneurs Opportunities in Civil Engineering	—	—	✓	—	2500
286	Hobby club activity- Lets get entrepreneurs	—	—	✓	—	2500
287	Entrepreneurs Opportunities	—	—	✓	—	10000
288	Demo day : Project Expo	—	—	✓	—	68667
289	The Art and Craft of Teaching Entrepreneurship	—	—	✓	—	2500
290	Intellectual Property Rights (IPR) & Standardization	—	—	✓	—	7500
291	Innovation & Start-up Ecosystem in India: How Global Corporates can Tap into this Ecosystem	—	—	✓	—	2500
292	Alumni talk on Startups	—	—	✓	—	2500
293	Exploring the Path for Entrepreneurship	—	—	✓	—	2500
294	Innovation day : Awakening the Engineer in you	—	—	✓	—	2500
295	Entrepreneurship Training -Expert Talk-Part 1	—	—	✓	—	6000
296	Innovation Technology Series: Scope of Microsoft - Azure Cloud In Business Research	—	—	✓	—	5000
297	Entrepreneurship Training on Customer Relationship Management	—	—	✓	—	5000
298	Entrepreneurship Training -Expert Talk-Part 2	—	—	✓	—	5000
299	Alumni talk on Startups	—	—	✓	—	5000
300	Innovation Technology series: Cyber Security Program	—	—	—	✓	2800
301	Demo day : Innovators	—	—	—	✓	50200
302	Technical Symposium	—	—	—	✓	529070
303	Science & innovation Day	—	—	—	✓	40000

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SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
KUNIAMUTHUR, COIMBATORE – 641008.
Plan and targets for Programs and timeline Frequency of programs to be conducted

S.No	Name of Event/Activity (Full Name)	Organizing Department/Centre/Student Body Name	Faculty - Incharge	Target Months	Achievement expected	Prepare short guideline	Target audience (Internal / Extrenal /Both)
1	Skill Development Program - Automotive	Department of Mechanical Engineering	Dr. P. Ashoka Varthanan	01 July 2021 - 30 Sep 2021	200 participants will be certified	1. Participants should have minimum 60 % of attendance during the training. 2. At the end of the course an assessment will be conducted. 3. Participants who get minimum score of 80% in the assessment only will get certificates.	Extrenal
2	Innovation Technology series: Kinematic Analysis of Mechanisms	Department of Mechanical Engineering	Dr. K.P Yuvaraj	01 July 2021 - 30 Sep 2021	140 participants will be exposed in the area of kinematics	1. Guest lecture will be conducted through virtual or physical mode by industrial experts. 2. The participants have to attend a quiz with a minimum of 10 questions. 3. e-Certificates will be provided for those participants who clears the assessment.	Internal
3	Vehicle Dynamics and Innovation Development Process	Department of Mechanical Engineering	Mr.Arun Kurien Reji	01 July 2021 - 30 Sep 2021	45 participants will get hands on training in the area of Vehical dynamics	1. Hands on training will be provided to the participants during the entire course duration. 2. At the end of the course the participants must fabricate a vehicle. 3. The participants have to attend a quiz with a minimum of 10 questions. 4. e-Certificates will be provided for those participants who clears the assessment.	Both
4	Opportunities for an Entrepreneur	Department of Mechanical Engineering	Dr. R. Ramamoorthi	01 July 2021 - 30 Sep 2021	All the participants will be certified and gain knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
5	Innovative Practices in Civil Engineering	Department of Civil Engineering	Dr. P. Saravana Kumar	01 July 2021 - 30 Sep 2021	80 participants will be knowledged on innovative practices in Civil Engineering	1. Guest lecture will be conducted through virtual or physical mode by industrial experts. 2. The participants have to attend a quiz with a minimum of 10 questions. 3. e-Certificates will be provided for those participants who clears the assessment.	Internal
6	Innovation Technology Series: Advancements in STAAD Pro- Connect Edition	Department of Civil Engineering	Mr. A. Jesudass	01 July 2021 - 30 Sep 2021	65 students will expertise in effective designing work using STAAD PRO	1. Hands On training will be provided 2.Design Contest will be conducted by giving a plan dimension 3.e-Certificates will be provided for all participants and winner certificates to top three desgins	Internal
7	Innovation Technology Series: Nominal Concrete Mix	Department of Civil Engineering	Dr.S.Ramakrishnan	01 July 2021 - 30 Sep 2021	All the participants will be certified and gain knowledge in the relevant field.	1. Guest lecture will be conducted through virtual or physical mode by industrial experts. 2. The participants have to attend a quiz with a minimum of 10 questions. 3. e-Certificates will be provided for those participants who clears the assessment.	Both
8	Innovations in SCM	Department of Civil Engineering	Mr. R. Vighnesh	01 July 2021 - 30 Sep 2021	All the participants will be certified and gain knowledge in the relevant field.	1. Guest lecture will be conducted through virtual or physical mode by industrial experts. 2. The participants have to attend a quiz with a minimum of 10 questions. 3. e-Certificates will be provided for those participants who clears the assessment.	Both
9	Innovation Technology Series: Emerging contaminants in the Environment	Department of Civil Engineering	Mr. V.Yogeshwaran	01 July 2021 - 30 Sep 2021	All the participants will be certified and gain knowledge in the emerging environmental contaminants	1. Guest lecture will be conducted through virtual or physical mode by industrial experts. 2. The participants have to attend a quiz with a minimum of 10 questions. 3. e-Certificates will be provided for those participants who clears the assessment.	Internal
10	Practical Aspects of Estimation and Quantity Surveying for Civil Entrepreneurs	Department of Civil Engineering	Mr.S.C. Boobalan	01 July 2021 - 30 Sep 2021	All the participants will be certified and gain knowledge in the relevant field.	1. Hands on training will be provided in estimation software 2. e-Certificates will be provided for all participants after the test performance in estimating the given plan	Internal
11	Innovation Technology Series: Geotechnical Engineering and Applications	Department of Civil Engineering	Dr.R. Chandra Devi	01 July 2021 - 30 Sep 2021	All the participants will be certified	1. Guest lecture will be conducted through virtual or physical mode by industrial experts. 2. The participants have to attend a quiz with a minimum of 10 questions. 3. e-Certificates will be provided for those participants who clears the assessment.	Internal
12	Real-Time Problem Solving for Entrepreneurs	Department of Computer Science and Engineering	Dr.M.Sujartha	01 July 2021 - 30 Sep 2021	All the participants will enhance skills in the relevant field.	1. Guest lecture will organized through virtual mode by the domain expert 2. Brainstorming session will conducted among the participants 3. e-certificates will beoffered for the participants	Internal
13	Software defined Everything in innovation	Department of Computer Science and Engineering	Mr.D.Mansoor Hussain	01 July 2021 - 30 Sep 2021	180 participants will enhance skills in the software field.	1. Industrial expert provided thought provoking guest lecture 2. Question and answer session took place 3. e-certificates will beprovided after completion	Internal

S.No	Name of Event/Activity (Full Name)	Organizing Department/Centre/Student Body Name	Faculty - Incharge	Target Months	Achievement expected	Prepare short guideline	Target audience (Internal / External /Both)
14	Information Technology for Entrepreneur	Department of Computer Science and Engineering	Dr.T.Latha Maheswari	01 July 2021 - 30 Sep 2021	100 participants will be certified and obtain guidance in the relevant field.	1. Career guidance will offered to the budding entrepreneurs 2. Group discussion will arranged for sharing knowledge 3. Industry visit will arranged with the organizers	Both
15	Decidable and Undecidable Languages for student start-up	Department of Computer Science and Engineering	Ms.S.Biruntha	01 July 2021 - 30 Sep 2021	All the participants will obtain knowledge in the current field.	1. Sharing knowledge by the theory of computation domain expert 2. Problem solving questions will bedistributed to the participants 3. Solutions will bediscussed at the end of the session	Internal
16	Innovation Technology Series: Data Science and Artificial Intelligence	Department of Computer Science and Engineering	Dr.D.Surendran	01 July 2021 - 30 Sep 2021	All the participants will gain knowledge in data science and AI.	1. Seminar by the domain expert will given 2. Emerging problem statements will beput forward 3. Higher order thinking questions will begiven	Internal
17	Vision on Logical thinking in programming, Advanced Tools and Techniques in Web Development and Javascript - Industry perspectives	Department of Computer Science and Engineering	Mr.K R SenthilMurugan	01 July 2021 - 30 Sep 2021	160 participants will acquire knowledge in web development for industry perspective.	1. Currend trends in industry on the topic will discussed 2. The industrial expert discussed various case studies 3. e certificates will beprovided and feedback will collected	Internal
18	Innovation Technology Series: Building Enterprise Blockchain Solution	Department of Computer Science and Engineering	Ms.K.Devipriya	01 July 2021 - 30 Sep 2021	170 participants will gain knowledge in blockchain technology.	1. Various problem statements on blockcahin will put forward 2. Evaluation will done for the solutions by the participants 3. The best solutions will beoffered certificates	Internal
19	Innovation Technology Series: Intelligent Agent and it's Applications	Department of Computer Science and Engineering	Ms.Pooranam	01 July 2021 - 30 Sep 2021	60 participants will get exposure to the Artificial Intelligence domain.	1. The indutrial expert threw light on the behaviour of intelligent agents like unmanned taxi 2. Algorithms and their outputs will beshown 3. Mind blowing quiz will held among the participants	Internal
20	Techie Bingo and Rise Engineers Activity	Department of Computer Science and Engineering	Ms.B.Sophia	01 July 2021 - 30 Sep 2021	120 Students will actively participate in the event.	1. Ideation on start up companies will beprovided. 2. Groups will beformed and every group presented their ideas on entrepreneurship 3. e certificates will beprovided at the end of the session	Internal
21	Innovation Technology Series: Agile Process in Software Project management	Department of Computer Science and Engineering	Dr.T.Latha Maheswari	01 July 2021 - 30 Sep 2021	Knowledge on agile process is gained by the participants	1. Project management activities will behighlighted in the session 2. Agile methodologies in real world examples will begiven 3. e cetificates will bedistributed among the audience	Internal
22	Innovations in Cloud Computing	Department of Computer Science and Engineering	Ms.B.Sophia	01 July 2021 - 30 Sep 2021	The participantswill gain knowledge on applications of cloud in industry	1. Innovative practices in cloud computing will beelaborated. 2. Various project demos have been shown. 3. Quiz will held and ecertificates will beprovided for participants with maximum score	Internal
23	Career choices and options for budding start-ups	Department of Computer Science and Engineering	Ms.S.Mohanagowri	01 July 2021 - 30 Sep 2021	Entrepreneurship skills will begained by the students	1. Ideation on start up companies will beprovided. 2. Groups will beformed and every group presented their ideas on entrepreneurship 3. e certificates will beprovided at the end of the session	Internal
24	Innovation Technology Series: Next Gen Platform for IoE	Department of Computer Science and Engineering	Mr.M.Manikandan	01 July 2021 - 30 Sep 2021	IoE and its effect on industry is introduced to the participants	1. Future perspectives on Next Gen technologies will bediscussed 2. Emergence of the term "Internet of Everything" will briefed 3. Various platforms on IoE will analyzed with the feedback	Internal
25	E-Commerce Implications in Global Slowdown	Department of Computer Science and Engineering	Mr.M. Manikandan	01 July 2021 - 30 Sep 2021	The participants gain knowledge on the impact of ecommerce	1. E-Commerce in global market scenario will put forward by the industrial expert 2. Thought provoking group discussion will conducted 3. Mind mapping between e-commerce and implications will created	Internal
26	Artificial Intelligence for Business Transformation	Department of Computer Science and Engineering	Ms. V.R. Azhaguramyaa	01 July 2021 - 30 Sep 2021	The participants will beexposed to business intelligence concepts	1.Role of artificial intelligence in industry will discussed by the expert 2. Proposals by the group members will befocussed 3. Challenges will beaddressed	Internal
27	Significance of Web Design and Development in Entrepreneurship	Department of Computer Science and Engineering	Mr.S.Suresh Kumar	01 July 2021 - 30 Sep 2021	It enhances the skills on creation of a web page	1. Tools in web technology will bearticulated 2. Web pages will bedesigned dynamically 3. e certificates will bedistributed among the participants	Internal
28	Innovation Technology Series: Industrial Cloud Practices	Department of Computer Science and Engineering	V.R. Azhaguramyaa	01 July 2021 - 30 Sep 2021	The participantswill gain knowledge on applications of cloud in industry	1. Innovative practices in cloud computing will beelaborated. 2. Various project demos have been shown. 3. Quiz will held and ecertificates will beprovided for participants with maximum score	Internal
29	Innovation Technology Series: CANVAS APP	Department of Computer Science and Engineering	Ms.S.Biruntha	01 July 2021 - 30 Sep 2021	The participants learn to create an app	1. Basics on app development will bediscussed 2. Features of various apps will bebuilt and demonstrated	Internal
30	Cloud for New Start-ups	Department of Computer Science and Engineering	Ms. A. Priya	01 July 2021 - 30 Sep 2021	The beginners in cloud get a value added knowledge	1. Innovative practices in cloud computing will beelaborated. 2. Various project demos have been shown. 3. Quiz will held and ecertificates will beprovided for participants with maximum score	Internal

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31	Docker and Kubernetes	Department of Computer Science and Engineering	Ms.S.Nagajothi	01 July 2021 - 30 Sep 2021	Usage of virtualization softwares will be known	1. Virtualization concepts will be introduced. 2. Cloud and virtualization tools will be simulated	Internal
32	IoT: Connectivity to Cognition	Department of Computer Science and Engineering	Dr. K.Rama Abirami	01 July 2021 - 30 Sep 2021	Industrial skills on IoT will be gained by the participants	1. Basic skills on cognitive science will be discussed 2. Internet of things and its relation to cognition will be demonstrated	Internal
33	Innovation Technology Series: Data Science in Medical Troop	Department of Computer Science and Engineering	Ms.R.Gowthamani	01 July 2021 - 30 Sep 2021	Various healthcare issues and its solution by data science will be known	1. Basic skills on database management system will be insisted 2. Database applications in real world will be demonstrated	Internal
34	Role of Database Management System for start up company	Department of Computer Science and Engineering	Dr. T. Latha Maheswari	01 July 2021 - 30 Sep 2021	Knowledge on database is gained by the participants	1. Basic skills on database management system will be insisted 2. Database applications in real world will be demonstrated	Internal
35	Innovation Technology Series: Cyber Security and Computer Forensics	Department of Computer Science and Engineering	Ms.S.Biruntha	01 July 2021 - 30 Sep 2021	Emerging cyber security techniques and their value added features will be learned	1. Recent cybercrimes will be discussed 2. Ways of prevention of crimes will be analyzed 3. Best ideas will be offered certificates	Internal
36	Insights into mobile APP development for Entrepreneurs	Department of Computer Science and Engineering	Ms.M.Kavitha	01 July 2021 - 30 Sep 2021	The outcome is the basic skills on app development	1. Basics on app development will be discussed by the industrial expert 2. Features of various apps will be built and demonstrated	Internal
37	Innovation Technology Series: Machine Learning and Deep Neural Networks	Department of Computer Science and Engineering	Ms.A.Pushpalatha	01 July 2021 - 30 Sep 2021	Significance of machine learning is exposed to the participants	1. Machine learning and deep learning algorithms will be articulated. 2. Real world applications will be demonstrated. 3. Simulations will be shown with added features	Internal
38	Current Trends in Digital Signature for Entrepreneurs	Department of Computer Science and Engineering	Mr.M.Manikandan	01 July 2021 - 30 Sep 2021	It enhances the skills on digital identity	1. Importance on digital signature will be highlighted 2. Current security measures will be analyzed	Internal
39	Innovation Technology Series: Python for Professionals	Department of Computer Science and Engineering	Ms.D.Srivaishnavi	01 July 2021 - 30 Sep 2021	Provides deeper insights in the future development	1. Role of python in industry will be elaborated 2. Mind blowing session will be conducted among the participants	Internal
40	Innovation Technology Series: Cloud Computing with AWS	Department of Computer Science and Engineering	Dr.M.Sujaritha	01 July 2021 - 30 Sep 2021	Proprietary cloud softwares will be introduced	1. Innovative practices in cloud computing will be elaborated. 2. Various project demos have been shown. 3. Quiz will be held and certificates will be provided for participants with maximum score	Internal
41	Innovation Technology Series: Block chain technology in IT field	Department of Computer Science and Engineering	Ms.P.Anitha	01 July 2021 - 30 Sep 2021	Provides deeper insights in the future development	1. Various problem statements on blockchain will be put forward 2. Evaluation will be done for the solutions by the participants 3. The best solutions will be offered certificates	Internal
42	React - A JavaScript library for building innovative user interfaces	Department of Computer Science and Engineering	Ms.S.Mohanagowri	01 July 2021 - 30 Sep 2021	180 participants will enhance their knowledge in Javascript	1. Workshop on Javascript will be conducted 2. User interfaces will be built based on domain	Internal
43	Java Project innovations in IT field	Department of Computer Science and Engineering	Dr.K.Senathipathi	01 July 2021 - 30 Sep 2021	Provides deeper insights in the future development	1. Importance on Java in Information Technology will be briefed 2. Opportunities in Java will be discussed with the brainstorming session	Internal
44	Innovation Technology Series: 5G networks	Department of Computer Science and Engineering	Mr.D.Mansoor Hussain	01 July 2021 - 30 Sep 2021	It will provide knowledge on future generation network technologies	1. Migration from 4G to 5G networks will be elaborated 2. Mobile technologies and usage will be brought into light upon 3. certificates will be offered to the participants.	Internal
45	Getting started with Angular Framework for entrepreneur	Department of Computer Science and Engineering	Ms.R.Gowthamani	01 July 2021 - 30 Sep 2021	120 participants will be exposed to the basic skills on the framework	1. Basic programming skills on angular framework will be introduced 2. Hands on session will be held among the participants	Internal
46	Innovative Web designing	Department of Computer Science and Engineering	Ms.A.Pushpalatha	01 July 2021 - 30 Sep 2021	120 participants will get exposure to design of a web page	1. Tools in web technology will be articulated 2. Web pages will be designed dynamically 3. e certificates will be distributed among the participants	Internal
47	Innovation Technology Series I: Hands on Training using ICT tools & Website/Blog Design	Department of Computer Science and Engineering	Mr.V.Arul Kumar	01 July 2021 - 30 Sep 2021	The participants will get hands on training in digital tools	1. Virtual mode assistance will be carried out 2. Doubt clearing session will also be organized.	Both
48	Innovation Technology Series II: Hands on training using ICT Tools mobile & web	Department of Computer Science and Engineering	Mr.V.Arul Kumar	01 July 2021 - 30 Sep 2021	The participants will get hands on training in digital tools	1. Virtual mode assistance will be carried out 2. Doubt clearing session will also be organized.	Both

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49	Innovation Technology Series III: Hands on training using ICT Tools mobile & web	Department of Computer Science and Engineering	Mr.V.Arul Kumar	01 July 2021 - 30 Sep 2021	The participants will get hands on training in digital tools	1. Virtual mode assistance will carried out 2. Doubt clearing session will also organized.	Both
50	Innovation Technology Series IV: Hands on training using ICT Tools mobile & web	Department of Computer Science and Engineering	Mr.V.Arul Kumar	01 July 2021 - 30 Sep 2021	The participants will get hands on training in digital tools	1. Virtual mode assistance will carried out 2. Doubt clearing session will also organized.	Both
51	IOT Analytics in Electrical Automation & Innovations	Department of Electrical and Electronics Engineering	Dr.K.C.Ramya	01 July 2021 - 30 Sep 2021	Students will get exposure to the IoT, the emerging technology in Automation field	1. Hands on training will be provided to the participants. 2. The participants have to attend all the sessions, attendance will be maintained. 3. E-Certificates will be provided for the participants who have 80% of attendance and cleared 75% marks in assessments.	Internal
52	Innovation Technology Series: Next Generation of Semiconductor Devices	Department of Electrical and Electronics Engineering	R.Geethamani	01 Oct 2021 - 31 Dec 2021	Students will acquire sufficient knowledge in next generation of Semiconductor devices.	1. Guest lecture will be conducted through virtual or physical mode by Academic experts or by industrial experts. 2. E-Certificates will be provided for the registered participants along with feedback submission for every sessions..	Internal
53	Innovative Industrial Electronics	Department of Electrical and Electronics Engineering	Dr.A.Radhika	01 Oct 2021 - 31 Dec 2021	Participants will acquire keen knowledge on various innovative electronics components used in Industrial Applications	1. Guest lecture will be conducted through virtual or physical mode by Academic experts or by industrial experts. 2. E-Certificates will be provided for the registered participants along with feedback submission for every sessions..	Both
54	Recent Innovation in Renewable Energy Systems	Department of Electrical and Electronics Engineering	Ms.C.Pavithra	01 Oct 2021 - 31 Dec 2021	Participants will acquire knowledge on Recent trends in Solar PV system and Wind Energy Generation techniques.	1. Guest lecture will be conducted through virtual or physical mode by Academic experts or by industrial experts. 2. E-Certificates will be provided for the registered participants along with feedback submission for every sessions..	Both
55	Innovative Design of Digital Circuits for real time application using FPGA	Department of Electrical and Electronics Engineering	Dr.J.Karthika	01 Oct 2021 - 31 Dec 2021	Participants will acquire knowledge on FPGA technology which is used in designing of digital circuits for real time applications.	1. Hands on training will be provided to the participants. 2. The participants have to attend all the sessions, attendance will be maintained. 3. E-Certificates will be provided for the participants who have 80% of attendance and cleared 75% marks in assessments.	Internal
56	Innovation Technology Series: Energy Auditing and Conservation Techniques	Department of Electrical and Electronics Engineering	Mr.G.Radhakrishnan	01 Oct 2021 - 31 Dec 2021	Students will come know, How to conserve the energy in an efficient way?	1. Guest lecture will be conducted through virtual or physical mode by Academic experts or by industrial experts. 2. E-Certificates will be provided for the registered participants along with feedback submission for every sessions..	Internal
57	Innovation Technology Series: Power System Applications & Its Opportunities	Department of Electrical and Electronics Engineering	S.Sivaranjani	01 Oct 2021 - 31 Dec 2021	Students will acquire knowledge on the real time applications of Facts devices and various job opportunities in power sector industry.	1. Guest lecture will be conducted through virtual or physical mode by Academic experts or by industrial experts. 2. E-Certificates will be provided for the registered participants along with feedback submission for every sessions..	Internal
58	Innovation Technology Series: Waste Management and Sustainable Energy	Department of Electrical and Electronics Engineering	S.Karthikeyan	01 Oct 2021 - 31 Dec 2021	Students will acquire keen knowledge in waste management and also on sustainable energy.	1. Guest lecture will be conducted through virtual or physical mode by Academic experts or by industrial experts. 2. E-Certificates will be provided for the registered participants along with feedback submission for every sessions..	Internal
59	Innovation Technology Series: Advancements in Special Electrical Machines	Department of Electrical and Electronics Engineering	Mr.R.Kavin	01 Oct 2021 - 31 Dec 2021	Participants will acquire knowledge in various applications of Special Electrical Machines used in industries.	1. Guest lecture will be conducted through virtual or physical mode by Academic experts or by industrial experts. 2. E-Certificates will be provided for the registered participants along with feedback submission for every sessions..	Internal
60	Leading strategy for Entrepreneurs	Department of Electrical and Electronics Engineering	R.Geethamani	01 Oct 2021 - 31 Dec 2021	Participants will acquire the leadership quality on managerial aspects	1. Guest lecture will be conducted through virtual or physical mode by Academic experts or by industrial experts. 2. E-Certificates will be provided for the registered participants along with feedback submission for every sessions..	Internal

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61	Transformation towards digital platform: An Entrepreneur Perspective	Department of Electrical and Electronics Engineering	S.Sivaranjani	01 Oct 2021 - 31 Dec 2021	Students will acquire keen knowledge on technical transformation towards digital platform.	1. Guest lecture will be conducted through virtual or physical mode by Academic experts or by industrial experts. 2. E-Certificates will be provided for the registered participants along with feedback submission for every sessions..	Internal
62	Logical Thinking for Entrepreneurs	Department of Electrical and Electronics Engineering	M.Senthilkumar	01 Oct 2021 - 31 Dec 2021	Students will acquire good knowledge in aptitude, reasoning and logical thinking.	1. Guest lecture will be conducted through virtual or physical mode by Academic experts or by industrial experts. 2. E-Certificates will be provided for the registered participants along with feedback submission for every sessions..	Internal
63	Need of Cybersecurity in Digital Industry: An Innovative Approach	Department of Electrical and Electronics Engineering	N.Subha Lakshmi	01 Oct 2021 - 31 Dec 2021	Participants will come to know about the cyber attacks and how we have to safeguard using cyber security techniques.	1. Guest lecture will be conducted through virtual or physical mode by Academic experts or by industrial experts. 2. E-Certificates will be provided for the registered participants along with feedback submission for every sessions..	Internal
64	Innovation Technology Series: Overview of Machine learning algorithms	Department of Electrical and Electronics Engineering	Mr.S.Boobalan	01 Oct 2021 - 31 Dec 2021	Students will beacquire knowledge, on various algorithms used in Machine Learning.	1. Hands on training will be provided to the participants. 2. The participants have to attend all the sessions, attendance will be maintained. 3. E-Certificates will be provided for the participants who have 80% of attendance and cleared 75% marks in assessments.	Internal
65	Innovation on Automotive Embedded system	Department of Electrical and Electronics Engineering	K.Muthu Kumar	01 Oct 2021 - 31 Dec 2021	Practical session will be very useful for the participants on Automotive Embedded systems.	1. Hands on training will be provided to the participants. 2. The participants have to attend all the sessions, attendance will be maintained. 3. E-Certificates will be provided for the participants who have 80% of attendance and cleared 75% marks in assessments.	Internal
66	Innovative Technologies Driving the Automotive Industry	Department of Electrical and Electronics Engineering	Ms.C.Pavithra	01 Oct 2021 - 31 Dec 2021	Students will come to know about the recent technologies that drives the automotive industries.	1. Guest lecture will be conducted through virtual or physical mode by Academic experts or by industrial experts. 2. E-Certificates will be provided for the registered participants along with feedback submission for every sessions..	Internal
67	Modern Automotive Sensors: An innovative idea	Department of Electrical and Electronics Engineering	N.Loganathan	01 Oct 2021 - 31 Dec 2021	Participants will beacquire knowledge on modern sensors used in automation industries.	1. Guest lecture will be conducted through virtual or physical mode by Academic experts or by industrial experts. 2. E-Certificates will be provided for the registered participants along with feedback submission for every sessions..	Internal
68	Overview of opportunity for entreprenurs in Automotive System in 2018 – 2030	Department of Electrical and Electronics Engineering	DrM.Senthilkumar	01 Oct 2021 - 31 Dec 2021	Students will beacquire knowledge on recents trends in automotive industries in upcoming years.	1. Hands on training will be provided to the participants. 2. The participants have to attend all the sessions, attendance will be maintained. 3. E-Certificates will be provided for the participants who have 80% of attendance and cleared 75% marks in assessments.	Internal
69	Innovations in Automotive embedded system	Department of Electrical and Electronics Engineering	Dr.G.Radhakrishnan	01 Oct 2021 - 31 Dec 2021	Students will come to know about the research trends which helps to build a strong research vision in automotive embedded system.	1. Guest lecture will be conducted through virtual or physical mode by Academic experts or by industrial experts. 2. E-Certificates will be provided for the registered participants along with feedback submission for every sessions..	Internal
70	Innovation Technology Series: LoR WAN based IoT applications for Automotive Sectors	Department of Electrical and Electronics Engineering	Ms.T.Malini	01 Oct 2021 - 31 Dec 2021	Participants will acquire knowledge on wide area network applications based on IoT.	1. Hands on training will be provided to the participants. 2. The participants have to attend all the sessions, attendance will be maintained. 3. E-Certificates will be provided for the participants who have 80% of attendance and cleared 75% marks in assessments.	Internal
71	Innovation Technology Series: Hybrid Electric Vehicles	Department of Electrical and Electronics Engineering	R.Kavin	01 Oct 2021 - 31 Dec 2021	Students wwill come to know about the emerging trends in Hybrid EVs and its technical advancements.	1. Guest lecture will be conducted through virtual or physical mode by Academic experts or by industrial experts. 2. E-Certificates will be provided for the registered participants along with feedback submission for every sessions..	Internal

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72	Innovative Electronic Engine Management System	Department of Electrical and Electronics Engineering	S.Boobalan	01 Oct 2021 - 31 Dec 2021	Students may upgarde their knowledge in electronic clusters used in electronic engine management systems.	1. Guest lecture will be conducted through virtual or physical mode by Academic experts or by industrial experts. 2. E-Certificates will be provided for the registered participants along with feedback submission for every sessions..	Internal
73	Innovation Technology Series: Internet of things in Automotive Industry	Department of Electrical and Electronics Engineering	Dr.SiSivaranjani	01 Oct 2021 - 31 Dec 2021	Students will acquire knowledge in IoT in automotive industries and its applications.	1. Hands on training will be provided to the participants. 2. The participants have to attend all the sessions, attendance will be maintained. 3. E-Certificates will be provided for the participants who have 80% of attendance and cleared 75% marks in assessments.	Internal
74	Innovative technologies in Renewable Energy Systems	Department of Electrical and Electronics Engineering	Dr.A.Radhika	01 Oct 2021 - 31 Dec 2021	Students will acquire knowledge ion utility of RES in home grid services.	1. Guest lecture will be conducted through virtual or physical mode by Academic experts or by industrial experts. 2. E-Certificates will be provided for the registered participants along with feedback submission for every sessions..	Internal
75	Innovation Technology Series: IoT applications for Automotive Sectors	Department of Electrical and Electronics Engineering	Ms.R.Geethamani	01 Jan 2022 - 31 Mar 2022	Students will acquire knowledge in IoT in automotive industries and its applications.	1. Guest lecture will be conducted through virtual or physical mode by Academic experts or by industrial experts. 2. E-Certificates will be provided for the registered participants along with feedback submission for every sessions..	Internal
76	Innovation Technology Series: Modern Automotive Sensors	Department of Electrical and Electronics Engineering	Ms.C.Pavithra	01 Jan 2022 - 31 Mar 2022	Participants will acquire knowledge on various sensors used in Industrial automations.	1. Guest lecture will be conducted through virtual or physical mode by Academic experts or by industrial experts. 2. E-Certificates will be provided for the registered participants along with feedback submission for every sessions..	Internal
77	Vehicles/ Electric Hybrid Electric Vehicles – An Innovative talk series	Department of Electrical and Electronics Engineering	Dr.R.Sumathi	01 Jan 2022 - 31 Mar 2022	Participants will acquire knowledge on various techniques in designing the EV as well as in battery management systems	1. Guest lecture will be conducted through virtual or physical mode by Academic experts or by industrial experts. 2. E-Certificates will be provided for the registered participants along with feedback submission for every sessions..	Internal
78	Innovation Technology Series: Automotive System	Department of Electrical and Electronics Engineering	S.Karthikeyan	01 Jan 2022 - 31 Mar 2022	Students are supposed to gather knowledge on Industrial automation systems	1. Guest lecture will be conducted through virtual or physical mode by Academic experts or by industrial experts. 2. E-Certificates will be provided for the registered participants along with feedback submission for every sessions..	Internal
79	Innovation Technology Series: Networking Protocols of hybrid sensor	Department of Electrical and Electronics Engineering	Ms.C.Pavithra	01 Jan 2022 - 31 Mar 2022	90 partipants will be exposed to Networking Protocols of hybrid sensorand gain knowledge on it.	1. Guest lecture will be conducted through virtual or physical mode by industrial experts. 2. The participants have to attend a quiz with a minimum of 10 questions. 3. e-Certificates will be provided for those participants who clears the assessment.	Internal
80	Innovation Technology Series: E-kart System	Department of Electrical and Electronics Engineering	Dr.Sivaranjani	01 Jan 2022 - 31 Mar 2022	75 partipants will learn about the E kart systems	1. Participants should have minimum 60 % of attendance during the training. 2. At the end of the course an assessment will be conducted. 3. Participants who get minimun score of 80% in the assessment only will get certificates.	Internal
81	Innovation Technology Series: IOT Analytics	Department of Electrical and Electronics Engineering	S.Elam cheren	01 Jan 2022 - 31 Mar 2022	65 partipants will be exposed the IoT Analytics and gain knowledge on it	1. Guest lecture will be conducted through virtual by industrial experts. 2. The participants have to attend a quiz with a minimum of 10 questions. 3. e-Certificates will be provided for those participants who clears the assessment.	Internal
82	Innovation Technology Series: Driving Technologies of Modern Industry	Department of Electrical and Electronics Engineering	Dr.K.C.Ramya	01 Jan 2022 - 31 Mar 2022	80 partipants will gain the knowledge about the Driving Technologies of Modern Industry	1. Guest lecture will be conducted through virtual or physical mode by industrial experts. 2. At the end of the course an assessment will be conducted. 3. Participants who get minimun score of 80% in the assessment only will get certificates.	Internal
83	Innovation Technology Series: Safety Systems	Department of Electrical and Electronics Engineering	Dr.J.Karthika	01 Jan 2022 - 31 Mar 2022	100 partipants will gain knowledge on the safety systems	1. Participants should have minimum 60 % of attendance during the training. 2. The participants have to attend a quiz with a minimum of 10 questions. 3. e-Certificates will be provided for those participants who clears the assessment.	Internal
84	Innovation Technology Series: Vehicles/ Hybrid Electric Vehicles -Management	Department of Electrical and Electronics Engineering	Ms.C.Pavithra	01 Jan 2022 - 31 Mar 2022	60 partipants will gain indepth knowledge on Vehicles/ Hybrid Electric Vehicles - Management	1. Guest lecture will be conducted through virtual or physical mode by industrial experts. 2. The participants have to attend a quiz with a minimum of 10 questions. 3. e-Certificates will be provided for those participants who clears the assessment.	Internal

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85	Innovation Technology Series: Electronic Engine Management System	Department of Electrical and Electronics Engineering	N.Loganathan	01 Jan 2022 - 31 Mar 2022	80 participants will gain indepth knowledge on Electronic Engine Management System	1. Participants should have minimum 60 % of attendance during the training. 2. The participants have to attend a quiz with a minimum of 10 questions. 3. e-Certificates will be provided for those participants who clears the assessment.	Internal
86	Innovation Technology Series: Workshop on ETAP Software	Department of Electrical and Electronics Engineering	M.Senthilkumar	01 Jan 2022 - 31 Mar 2022	90 participants will get hands on training on "One day hands on training workshop on ETAP Software"	1. Hands on training will be provided to the participants during the entire course duration. 2. At the end of the course an assessment will be conducted. 3. Participants who get minimum score of 80% in the assessment only will get certificates.	Internal
87	Innovation Technology Series: Next Generation of Semiconductor Devices	Department of Electrical and Electronics Engineering	R.Geethamani	01 Jan 2022 - 31 Mar 2022	100 participants will gain indepth knowledge on the Next Generation of Semiconductor Devices	1. Guest lecture will be conducted through virtual or physical mode by industrial experts. 2. The participants have to attend a quiz with a minimum of 10 questions. 3. e-Certificates will be provided for those participants who clears the assessment.	Internal
88	Innovation Technology Series: Design of Dital Circuits for real time application using FPGA	Department of Electrical and Electronics Engineering	Dr.J.Karthika	01 Jan 2022 - 31 Mar 2022	110 participants will get hands on training on Design of Dital Circuits for real time application using FPGA	1. Hands on training will be provided to the participants during the entire course duration. 2. The participants have to attend a quiz with a minimum of 10 questions. 3. e-Certificates will be provided for those participants who clears the assessment.	Internal
89	Innovative Driver/ Driverless Assistance Systems	Department of Electrical and Electronics Engineering	Dr.R.Sumathi	01 Jan 2022 - 31 Mar 2022	70 participants will get exposed to the Innovative Driver/ Driverless Assistance Systems and gain knowledge	1. Guest lecture will be conducted through virtual or physical mode by industrial experts. 2. The participants have to attend a quiz with a minimum of 10 questions. 3. e-Certificates will be provided for those participants who clears the assessment.	Internal
90	Hands on training on Autonomous Vehicles	Department of Electrical and Electronics Engineering	Dr.M.Senthilkumar	01 Jan 2022 - 31 Mar 2022	50 participants will exposed in the area of Autonomous Vehicles	1. Participants should have minimum 60 % of attendance during the training. 2. e-Certificates will be provided for those participants who clears the assessment.	Internal
91	Innovation Technology Series: Active and Passive Safety Systems	Department of Electrical and Electronics Engineering	Ms.T.Malini	01 Jan 2022 - 31 Mar 2022	80 participants will be exposed in the area of Active and Passive Safety Systems and gain the knowlwdge about Its applications	1. Guest lecture will be conducted through virtual or physical mode by industrial experts. 2. The participants have to attend a quiz with a minimum of 10 questions. 3. e-Certificates will be provided for those participants who clears the assessment.	Internal
92	Innovation Technology Series: Automotive Networking Protocols	Department of Electrical and Electronics Engineering	Mr.N.Loganathan	01 Jan 2022 - 31 Mar 2022	70 participants will be exposed to Automotive Networking Protocols and impose it on the new initiatives	1. Participants should have minimum 60 % of attendance during the training. 2. The participants have to attend a quiz with a minimum of 10 questions. 3. e-Certificates will be provided for those participants who clears the assessment.	Internal
93	Innovations in LABVIEW	Department of Electrical and Electronics Engineering	Mr.S.Boobalan	01 Jan 2022 - 31 Mar 2022	200 participants will gain hands on training in the LABVIEW for Computer Vision and Image Processing	1. Hands on training will be provided to the participants during the entire course duration. 2. The participants have to attend a quiz with a minimum of 10 questions. 3. e-Certificates will be provided for those participants who clears the assessment.	Both
94	Innovation Technology Series: Recent Trends in Industrial Electronics & innovations	Department of Electrical and Electronics Engineering	Mr.G.Radhakrishnan	01 Jan 2022 - 31 Mar 2022	120 participants will exposed in the area of Recent Trends in Industrial Electronics	1. Guest lecture will be conducted through virtual or physical mode by industrial experts. 2. At the end of the course an assessment will be conducted. 3. Participants who get minimum score of 80% in the assessment only will get certificates.	Internal
95	Power System Applications and Its Innovations	Department of Electrical and Electronics Engineering	S.Sivaranjani	01 Jan 2022 - 31 Mar 2022	220 participants will be exposed in the area of Power System Applications and gain the knowlwdge about Its Opportunities	1. Guest lecture will be conducted through virtual or physical mode by industrial experts. 2. The participants have to attend a quiz with a minimum of 10 questions. 3. e-Certificates will be provided for those participants who clears the assessment.	Internal

S.No	Name of Event/Activity (Full Name)	Organizing Department/Centre/Student Body Name	Faculty - Incharge	Target Months	Achievement expected	Prepare short guideline	Target audience (Internal / External /Both)
96	Innovation Technology Series: Deep Learning and Computational Intelligence in Bioinformatics	Department of Electronics and Communication Engineering	Dr. S. Karthika	01 Jan 2022 - 31 Mar 2022	Participants gained knowledge on Deep learning techniques in the area of Bioinformatics	1. Sessions of eminent industrial persons and academicians will be conducted. 2. The participants have to attend all the sessions. 3. Certificates will be provided for those participants after they have given the feedback.	Internal
97	Workshop on Haptic Technology for innovative design of soft Robots	Department of Electronics and Communication Engineering	Dr. Thirumarai Selvi and Ms. D. V. Soundari	01 Jan 2022 - 31 Mar 2022	80 participants benefited and explored on haptic technology	1. Resource person's from the reputed institutions will be called and shared the contents 2. Program will be associated with NITTTR Chandigarh 3. Virtual platforms for academic and gaming will be explored and demonstrated through haptic devices 4. Certificates will be distributed to all registered participants	Both
98	Innovations in Electromagnetics	Department of Electronics and Communication Engineering	Mr. S. Sathesh Kumar	01 Jan 2022 - 31 Mar 2022	30 participants gained knowledge on recent trends in Electromagnetics	1. Sessions of academicians will be conducted. 2. The participants have to attend all the sessions. 3. Certificates will be provided for those participants after they have given the feedback.	Internal
99	Innovations in Electronic Circuits	Department of Electronics and Communication Engineering	Mr. J. R. Dinesh Kumar	01 Jan 2022 - 31 Mar 2022	30 participants will be certified	1. Guest lecture will be conducted by industrial experts. 2. The participants have to submit the feedback form and a quiz with a minimum of 10 questions. 3. Certificates will be provided for those participants who clear the assessment with aggregate Attendance of 80%.	Both
100	Hands on training on Microcontroller and Interfacing using MSP430, ARM and Arduino	Department of Electronics and Communication Engineering	Ms. J. Jayapadmini	01 Jan 2022 - 31 Mar 2022	30 participants will be given hands on training in interfacing using MSP430, ARM and ARDUINO	1. Hands on session for interfacing using MSP430, ARM and ARDUINO will be given by expert trainers. 2. The participants have to attend all sessions	Internal
101	Data Acquisition and Analysis for Internet of Things Applications and innovations	Department of Electronics and Communication Engineering	Dr. Sasipriya and Sarathkumar R	01 Jan 2022 - 31 Mar 2022	35 participants will get hands-on training on the application of IOT	1. Hands-on training will be provided through physical mode by industrial experts. 2. The participants will work on cloud platform. 3. At the end of the session students can do a mini project using Thingspeak IOT 4. Certificates will be provided to all the participants.	Internal
102	Seminar on Smart Device and Home Entertainment System	Department of Electronics and Communication Engineering	Ms. N. Kalaivani	01 Jan 2022 - 31 Mar 2022	120 participants gained knowledge on recent trends and techniques in home automation	1. Session will be conducted by industry experts. 2. The participants have to attend all sessions	Internal
103	Innovation Technology Series: Fabrication of application specific ICs	Department of Electronics and Communication Engineering	D.Devi,B.Anishfathima	01 Jan 2022 - 31 Mar 2022	400 Participants will be guided by a Senior Alumni Member on ASIC Fabrication	1. Association Inauguration and Guest lecture conducted through physical mode by a senior Alumni Member. 2. The participants have to submit the feedback form 3. Certificates will be provided to academic toppers as a part of ECE Association Activities	Internal
104	Innovation Technology Series: Real time applications of ARM 7 and ARM 9	Department of Electronics and Communication Engineering	Mr. J. R. Dinesh Kumar	01 Jan 2022 - 31 Mar 2022	120 participants will be certified	1. Guest lecture will be conducted through physical mode by industrial experts. 2. The participants have to submit the feedback form and a quiz with a minimum of 10 questions. 3. Certificates will be provided after successful completion	Internal
105	Innovative Technologies in Robotics and IoT	Department of Electronics and Communication Engineering	Ms. N. Kalaivani	01 Jan 2022 - 31 Mar 2022	120 participants exposed to recent trends in robotics and IoT	1. Guest lecture will be conducted through physical mode by industrial experts. 2. The participants have to submit the feedback form and a quiz with a minimum of 10 questions. 3. Certificates will be provided after successful completion	Internal
106	BICOS, HCMOS and their innovative applications in Nano design.	Department of Electronics and Communication Engineering	Mr. V. Karthik	01 Jan 2022 - 31 Mar 2022	120 participants gained exposure in nano design using BiCMOS, HCMOS	1. Guest lecture will be conducted through physical mode by industrial experts. 2. The participants have to submit the feedback form. 3. Certificates will be provided after successful completion	Internal
107	Machine learning and IoT applications & innovations	Department of Electronics and Communication Engineering	Ms. N. Kalaivani	01 Jan 2022 - 31 Mar 2022	35 participants gained in-depth knowledge on IoT applications using machine learning	1. Guest lecture will be conducted through physical mode by industrial experts. 2. The participants have to submit the feedback form. 3. Certificates will be provided after successful completion	Internal

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108	Hands on session on ARM board development with IoT	Department of Electronics and Communication Engineering	Mr. Sarath kumar	01 Jan 2022 - 31 Mar 2022	Participants will begin hands on training for IoT implementation using ARM	1. Guest lecture will be conducted through physical mode by industrial experts. 2. The participants have to submit the feedback form. 3. Certificates will be provided after succesful completion	Internal
109	Programming on Arduino and node MCU innovation	Department of Electronics and Communication Engineering	Ms. G. Saranya	01 Jan 2022 - 31 Mar 2022	120 participants will begin handon training for programming in arduino	1. Guest lecture will be conducted through physical mode by industrial experts. 2. The participants have to submit the feedback form. 3. Certificates will be provided after succesful completion	Internal
110	Entrepreneurial Technologies in Robotics and IOT	Department of Electronics and Communication Engineering	Dr. Karpagam	01 Jan 2022 - 31 Mar 2022	120 participants received exposure on recent trends in IoT	1. Guest lecture will be conducted through physical mode by industrial experts. 2. The participants have to submit the feedback form. 3. Certificates will be provided after succesful completion	Internal
111	Workshop on IoT for embedded system made easier with Arduino innovation	Department of Electronics and Communication Engineering	Dr. Rejina Parvin and Ms. P. Anitha	01 Jan 2022 - 31 Mar 2022	50 students will be benefited with the exposure on IoT with Arduino	1. Workshop will be handled by the Industrial experts 2. Hands on Training will be provided on Arduino 3. Real Time Programming and Interfacing helps to avaluate the students understanding 4. Certificate will be provided to the students who shows bettter performance and with 80% attendance	Internal
112	Impact of EM radiation hazards in design of Electronic products and innovations	Department of Electronics and Communication Engineering	Dr. M. Karpagam and Mr. S. Satheesh Kumar	01 Jan 2022 - 31 Mar 2022	120 participants gained exposure on sideeffects of EM radiation	1. Guest lecture will be conducted through physical mode by industrial experts. 2. The participants have to submit the feedback form. 3. Certificates will be provided after succesful completion	Internal
113	Innovations and Real time applications of ARM7 and ARM 9 Processor	Department of Electronics and Communication Engineering	Mr. J. R. Dinesh Kumar and Ms. Priyadharshini K	01 Jan 2022 - 31 Mar 2022	60 participants will be certified	1. Guest lecture will be conducted through physical mode by industrial experts. 2. The participants have to submit the feedback form and a quiz with a minimum of 10 questions. 3. Certificates will be provided for those participants who clears the assessment with aggregate Attendance of 80%.	Internal
114	Innovation Technology Series: 5G technology and reconfigurable architecture	Department of Electronics and Communication Engineering	Ms. Ruth Anitha Shirley	01 Jan 2022 - 31 Mar 2022	80 participants gained knowledge on 5G technology architecture	1. Guest lecture will be conducted through physical mode by industrial experts. 2. The participants have to submit the feedback form. 3. Certificates will be provided after succesful completion	Internal
115	Innovation Technology Series: Exploring MATAB for Image Compressing Techniques	Department of Electronics and Communication Engineering	Dr. S. Sophia, Dr. Nandalal and Dr. S. Karthika	01 Jan 2022 - 31 Mar 2022	80 participants gained knowledge on image compression using MATLAB	1. Guest lecture will be conducted through physical mode by industrial experts. 2. The participants have to submit the feedback form. 3. Certificates will be provided after succesful completion	Internal
116	Innovation Technology Series: OrCAD PSpice Designer tool	Department of Electronics and Communication Engineering	Dr. Sasipriya S	01 Jan 2022 - 31 Mar 2022	60 participants will get hands-on experience on OrCAD PSpice simulation tool	1. Hands-on training will be provided through physical mode by industrial experts. 2. The participants will work on circuit simulator and analyze the circuit model. 3. At the end of the session the students can build and test their circuit model. 4. Certificates will be provided to all the participants.	Internal
117	Mprinting Innovation - Student Contest - 2022	Department of Electronics and Communication Engineering	Dr. Maruthi Shankar B	01 Jan 2022 - 31 Mar 2022	80 students participated in essay writing on innovation	1. the essays will be judged by academic experts 2. Participation certificates will be provided	Internal
118	Innovations on ARDUINO and Python	Department of Electronics and Communication Engineering	Mr. V. Karthik	01 Jan 2022 - 31 Mar 2022	30 participants gained knowledge on arduino and python	1. Guest lecture will be conducted through physical mode by industrial experts. 2. Certificates will be provided for those participants.	Internal
119	Innovation Technology Series: World Robotic Championship	Department of Electronics and Communication Engineering	Ms. Priyadharsini K	01 Jan 2022 - 31 Mar 2022	140 students participated in robotic championship	1. Competition on robotics which will be judged ny experts 2. Certificates will be provided for those participants.	Internal
120	Innovation Technology Series: System on chip Design and verification	Department of Electronics and Communication Engineering	Ms. Nandhini N	01 Jan 2022 - 31 Mar 2022	50 Participants will be certified in the field of System on chip design	1. Guest lecture will be conducted through physical mode by industrial experts. 2. Certificates will be provided for those participants.	Internal
121	Innovation Technology Series: Autonomous Robotic Vechicle	Department of Electronics and Communication Engineering	Ms. Janeera D A	01 Jan 2022 - 31 Mar 2022	180 students gained exposure on autonomous vehicles	1. Guest lecture will be conducted through physical mode by industrial experts. 3. Certificates will be provided for those participants after they give feedback.	Internal

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122	Innovation Technology Series: Recent trends in Analog and Pulse Communication	Department of Electronics and Communication Engineering	Dr. Nandalal V	01 Jan 2022 - 31 Mar 2022	180 students gained basic knowledge on Analog and pulse communication	1. Guest lecture will be conducted through physical mode by industrial experts. 3. Certificates will be provided for those participants after they give feedback.	Internal
123	Innovation Technology Series:Augmented Reality	Department of Electronics and Communication Engineering	Ms. Janeera D A	01 Jan 2022 - 31 Mar 2022	180 students will beexposed to Augumented reality	1. Guest lecture will be conducted through physical mode by industrial experts. 3. Certificates will be provided for those participants after they give feedback.	Internal
124	Innovation Technology Series: Edge Computing	Department of Electronics and Communication Engineering	Ms. D. Devi	01 Jan 2022 - 31 Mar 2022	185 students gained exposure on edge computing	1. Guest lecture will be conducted through physical mode by industrial experts. 3. Certificates will be provided for those participants after they give feedback.	Internal
125	Innovation Technology Series: FOTA(Flash Over -The-Air) for Automobiles	Department of Electronics and Communication Engineering	Dr. Thirumarai Selvi and Ms. D. V. Soundari	01 Jan 2022 - 31 Mar 2022	120 pre-final years attended the guest lecture	1.Guest lecture explored the importance of IoT to upgrade the firmware 2.Conducted in the convention centre 3.The expert from Robert Bosch have given the practial scenarios from the industry	Internal
126	Innovation Technology Series: Digital Signal Processing	Department of Electronics and Communication Engineering	Ms. N. Kalaivani	01 Jan 2022 - 31 Mar 2022	220 students gained exposure on digital signal processing	1. Guest lecture will be conducted through physical mode by industrial experts. 3. Certificates will be provided for those participants after they give feedback.	Internal
127	Seminar on leadership skills	Department of Electronics and Communication Engineering	Dr. Maruthi Shankar B	01 Jan 2022 - 31 Mar 2022	190 students will beexposed on concepts in leadership skills	1. Guest lecture will be conducted through physical mode by industrial experts. 2. The participants have to attend a quiz with a minimum of 10 questions. 3. Certificates will be provided for those participants who clears the assessment.	Internal
128	Innovation Technology Series: Deep Learning for Radar & Wireless Communications	Department of Electronics and Communication Engineering	Mr.S.P.Karthi	01 Jan 2022 - 31 Mar 2022	190 students gained exposure on deep learning in wireless communication	1. Guest lecture will be conducted through physical mode by industrial experts. 2. The participants have to attend a quiz with a minimum of 10 questions. 3. e-Certificates will be provided for those participants who clears the assessment.	Internal
129	Introduction to Deep Learning for Entrepreneurs	Department of Electronics and Communication Engineering	Mr.S.P.Karthi	01 Jan 2022 - 31 Mar 2022	200 students gained knowledge on deep learning in Audio and Speech processing	1. Guest lecture will be conducted through virtual or physical mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
130	Innovation Technology Series: IoT in Automotive industries	Department of Electronics and Communication Engineering	Ms. N. Kalaivani	01 Jan 2022 - 31 Mar 2022	190 students gained exposure on IoT application in automotive industries	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
131	Workshops on Design Thinking	Department of Electronics and Communication Engineering	Mr. Sarath Kumar	01 Jan 2022 - 31 Mar 2022	160 participants gained knowledge on importance of design thinking	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
132	Innovation Technology Series: Semiconductor Power Validation	Department of Electronics and Communication Engineering	Mr.S.P.Karthi	01 Jan 2022 - 31 Mar 2022	35 participants gained knowledge on Semiconductor power validation	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
133	Innovation Technology Series: 5G Hybrid Beamforming Design	Department of Electronics and Communication Engineering	Mr.S.P.Karthi	01 Jan 2022 - 31 Mar 2022	80 students gained basic knowledge on 5G Hybrid Beamforming design	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
134	Innovation Technology Series: Big Data & Data Analytics	Department of Electronics and Communication Engineering	Ms. N. Kalaivani	01 Jan 2022 - 31 Mar 2022	180 participants gained knowledge on Big Data	1. Workshop will be handled by the Industrial experts 2. Hands on Training will be provided on LIDAR Roboex 3. Real Time Programming and Interfacing helps to avaluate the students understanding 4. Certificate will be provided to the students who shows bettter performance and with 80% attendance	Internal
135	Innovations on PCB design	Department of Electronics and Communication Engineering	Dr. Maruthi Shankar B	01 Jan 2022 - 31 Mar 2022	200 participants gained awareness on PCBdesigning	1. Guest lecture will be conducted through physical mode by industrial experts. 2.The participants have to fill the feedback form to get e Certificate.	Internal
136	innovations in Data Science	Department of Electronics and Communication Engineering	Ms. Devi D	01 Jan 2022 - 31 Mar 2022	200 participants will get hands-on experience on LIDAR ROBEX AI	1. Workshop will be handled by the Industrial experts 2. Hands on Training will be provided on LIDAR Roboex 3. Real Time Programming and Interfacing helps to avaluate the students understanding 4. Certificate will be provided to the students who shows bettter performance and with 80% attendance	Internal

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137	Innovation Technology Series: Securely Connect and Scale Remote Workforces	Department of Electronics and Communication Engineering	De. Karpagam	01 Jan 2022 - 31 Mar 2022	190 participants gained basic knowledge on managing remote work environment	1. Guest lecture will be conducted through physical mode by industrial experts. 2.The participants have to fill the feedback form to get e Certificate.	Internal
138	Innovation Technology Series: Deployment of Telehealth: A perspective for Technologists	Department of Electronics and Communication Engineering	Mr.S.P.Karthi	01 Jan 2022 - 31 Mar 2022	190 participants gained basic knowledge on Telehealth	1. Guest lecture will be conducted through physical mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
139	Innovations on Deep Learning with MATLAB	Department of Electronics and Communication Engineering	Mr.S.P.Karthi	01 Jan 2022 - 31 Mar 2022	190 participants gained knowledge on Deep learning in MATLAB	1. Guest lecture will be conducted through physical mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
140	Innovation Technology Series I: IoT in Non Automotive Industries with Embedded linux	Department of Electronics and Communication Engineering	Mr.S.P.Karthi	01 Jan 2022 - 31 Mar 2022	190 participants will be exposed to IoT based Non Automotive industries	1. Guest lecture will be conducted through physical mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
141	Innovation Technology Series II: IoT based Vehicle Vibration Prediction using RNN	Department of Electronics and Communication Engineering	Mr.S.P.Karthi	01 Jan 2022 - 31 Mar 2022	200 participants will be exposed to IoT based Vibration Prediction	1. Guest lecture will be conducted through physical mode by industrial experts. 2. The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
142	Deep Learning in Agricultural Innovation: MATLAB for Plant Classification	Department of Electronics and Communication Engineering	Mr.S.P.Karthi	01 Jan 2022 - 31 Mar 2022	190 participants gained knowledge on Deep learning in MATLAB for plant classification	1. Guest lecture will be conducted through physical mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
143	Innovation Technology Series: Systems Programming and Avenues	Department of Electronics and Communication Engineering	B.Anishfathima	01 Jan 2022 - 31 Mar 2022	60 participants will be guided by an Alumni Member on Systems Programming	1. An online mode of Guest lecture conducted delivered by an Alumni Member. 2. The participants have to submit the feedback form 3. Expected to acquire skill sets on Systems Programming	Internal
144	Multiphysics Modelling and innovations in Piezoelectric Sensors and Actuators	Department of Electronics and Communication Engineering	Mr.S.P.Karthi	01 Jan 2022 - 31 Mar 2022	180 participants gained basic knowledge on modelling of sensors and actuators	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. The participants have to attend a quiz with a minimum of 10 questions. 3. e-Certificates will be provided for those participants who clear the assessment.	Internal
145	5G Network Slicing: Ensuring Successful Implementation, Innovation and Validation	Department of Electronics and Communication Engineering	Mr.S.P.Karthi	01 Jan 2022 - 31 Mar 2022	190 participants will be exposed to basics of 5G Network slicing	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
146	Chatbots to automate operational functions.	Department of Electronics and Communication Engineering	Mr. V. Karthik	01 Jan 2022 - 31 Mar 2022	175 participants gained basic knowledge on Chatbots	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
147	Innovation Technology Series: Take Back Control of Your DNS Traffic	Department of Electronics and Communication Engineering	Mr.S.P.Karthi	01 Jan 2022 - 31 Mar 2022	120 participants gained exposure on DNS traffic	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
148	Innovation Technology Series: Image Processing and Computer Vision with MATLAB	Department of Electronics and Communication Engineering	Mr.S.P.Karthi	01 Jan 2022 - 31 Mar 2022	170 participants gained knowledge on Computer Vision using MATLAB	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
149	Innovation Technology Series: Reimagining QA in Digital Transformation	Department of Electronics and Communication Engineering	Mr.S.P.Karthi	01 Jan 2022 - 31 Mar 2022	160 participants gained knowledge on digital transformation	1. Guest lecture will be conducted through virtual mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
150	Innovations on Automation in industries	Department of Electronics and Communication Engineering	B.Anishfathima	01 Jan 2022 - 31 Mar 2022	160 participants gained knowledge on automation in defect detection system in industries	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
151	5G Small-Cell Base Station Antenna Array Design with CST Studio Suite	Department of Electronics and Communication Engineering	Mr.S.P.Karthi	01 Jan 2022 - 31 Mar 2022	150 participants gained knowledge on Antenna design with CST Studio Suite	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal

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152	Machine Learning: Proven Applications and New Features	Department of Electronics and Communication Engineering	Dr. Maruthi Shankar B	01 Jan 2022 - 31 Mar 2022	130 participants gained knowledge on Machine learning Applications	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
153	Innovation Technology Series: Build Something! MATLAB and Simulink for Hardware Projects	Department of Electronics and Communication Engineering	Mr.S.P.Karthi	01 Jan 2022 - 31 Mar 2022	130 participants gained awareness on projects using MATLAB and Simulink	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
154	Google Cloud Platform Innovations and Core Infrastructure	Department of Electronics and Communication Engineering	Mr.S.P.Karthi	01 Jan 2022 - 31 Mar 2022	80 participants will be exposed to fundamentals of Google Cloud Platform	1. Guest lecture will be conducted through virtual mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
155	Innovative Vision-Based Inspection and Defect Detection for Industrial Applications	Department of Electronics and Communication Engineering	Mr.S.P.Karthi	01 Jan 2022 - 31 Mar 2022	40 participants gained knowledge on automation in defect detection system in industries	1. Guest lecture will be conducted through virtual mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
156	Google Cloud Platform Innovations Core Infrastructure Part II	8	Mr.S.P.Karthi	01 Jan 2022 - 31 Mar 2022	80 participants will be exposed to fundamentals of Google Cloud Platform	1. Guest lecture will be conducted through virtual mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
157	Innovation Technology Series: PLC Applications	Department of Electronics and Communication Engineering	Dr. Maruthi Shankar B	01 Jan 2022 - 31 Mar 2022	70 participants will be exposed to PLC Applications	1. Guest lecture will be conducted through virtual mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
158	Innovations on Information Technology	Department of Information Technology	Dr.V.Anand Kumar	01 Jan 2022 - 31 Mar 2022	65 participants will be certified	1. Guest lecture will be conducted through virtual mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
159	Innovative Real Time Operating system Full Preemptive Implementation	Department of Information Technology	Ms.Janani	01 Jan 2022 - 31 Mar 2022	180 participants will be gained knowledge on Real time operating system	1. Guest lecture will be conducted through virtual mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
160	Innovation Technology Series: Data Analytics	Department of Information Technology	Ms.Shobana	01 Jan 2022 - 31 Mar 2022	100 participants will be gained basic knowledge about Data Analytics	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
161	Demo Day : Project Expo	Department of Information Technology	Dr.T.keerthika	01 Jan 2022 - 31 Mar 2022	Participants will present their project on Engineer's day	Best project will be selected by the panel members	Internal
162	National Conference on Recent Trends in Advance Computing	Department of Information Technology	Dr.Granty Regina Elwin	01 Jan 2022 - 31 Mar 2022	Participants will present their papers in conference	Best paper will be selected by the panel members	Internal
163	Innovation Technology Series: ICT Cloud Literacy Program	Department of Information Technology	Ms.S.Lavanya	01 Jan 2022 - 31 Mar 2022	Participants will gained knowledge	1. To provide guidance in the verification process 2. To provide clear guidelines on the management of digital devices 3. To provide necessary checklists	Internal
164	An enterprise perspective on Block chain technology	Department of Information Technology	Mr.Kalaiahasan	01 Jan 2022 - 31 Mar 2022	Participants will gained knowledge on BlockChain Technology	1. Guest lecture will be conducted through physical mode by industrial experts. 2.e-Certificates will be provided for those participants.	Internal
165	NCSC - Entrepreneurial workshop	Department of Information Technology	Ms.Dharunya	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
166	The Entrepreneurial Journey	Department of Information Technology	Mr.Ratheesh Kumar	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
167	E-content Development for a bussiness	Department of Information Technology	Dr.Rajkumar	01 Jan 2022 - 31 Mar 2022	All the participants will be gained knowledge in the E-content Development	1. Guest lecture will be conducted through virtual mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal

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168	Conference on Innovation in Indian Cyber congress	Department of Information Technology	Dr.T.keerthika	01 Jan 2022 - 31 Mar 2022	40 participants gained awareness on cyber security	1. Guest lecture and interactive sessions will be conducted by industrial experts. 2. The participants have to attend all the sessions. 3. Certificates will be provided for those participants after they provide feedback of the programme.	Both
169	The Latest Innovations and Developments in Cryptography	Department of Information Technology	Dr.Edwin Prem Kumar	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the field of cryptography.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
170	Innovations in Data Analytics and Business Insights	Department of Information Technology	Dr.A.Kousalya	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
171	Innovation Technology Series: Block Chain Technology	Department of Information Technology	Ms.Indu	01 Jan 2022 - 31 Mar 2022	40 participants will gain knowledge on Blockchain Technology	1. Guest lecture will be conducted through virtual mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
172	Innovation Technology Series: Advanced Biometrics	Department of Information Technology	Dr.Deepa Kanmani	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
173	Innovations in Digital Continuity using Dassault Systems 3D Experience Platform	Department of Information Technology	Mr.Diwakaran	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
174	Supporting Tools and Technologies for Full Stack innovation	Department of Information Technology	Ms.Jennifer	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
175	Innovation Technology Series: The Business case for serverless computing	Department of Information Technology	Ms.S.Lavanya	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
176	Innovation Technology Series: SAP Tools for Data Analytics	Department of Information Technology	Ms.G.Shobana	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
177	Innovation Technology Series: Industrial Tools: Docker, Git, Jenkins and Maven for testing	Department of Information Technology	Mr.Kalaiarasan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
178	Innovation in Java Framework	Department of Information Technology	Dr.V.Anand Kumar	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
179	Innovation Technology Series: Take Back Control of Your DNS Traffic	Department of Information Technology	Dr.Edwin Prem Kumar	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
180	Innovation Technology Series: DevOps	Department of Information Technology	Ms.Jeeva	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
181	Innovations Industrial Automation Absorbed by IT	Department of Information Technology	Ms.Janani	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
182	Innovation Technology Series: Machine Learning	Department of Information Technology	Dr.Granty Regina Elwin	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal

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183	Innovation Technology Series: Web Technology using PHP	Department of Information Technology	Ms.Ranjitha	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2.The participants have to fill the feedback form and attend a quiz of 10 questions.	Internal
184	Hands-on-Training on Assembling and Dis-Assembling IC Engines	Department of Mechanical Engineering	Dr.R.Soundararajan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
185	Product Development using Welding Process	Department of Mechanical Engineering	Dr.C.Samson Jerold Samuel	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
186	Innovations in Automobile Engineering and Technology	Department of Mechanical Engineering	Dr.R.Soundararajan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
187	Hands- on-Training on IC Engine and Gear Box innovation	Department of Mechanical Engineering	Dr.R.Soundararajan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
188	Innovations in Hydraulic Machines	Department of Mechanical Engineering	Dr.R.Ramamoorthi	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
189	Workshops on Solidworks for entrepreneurs	Department of Mechanical Engineering	Dr. R. Jeyakumar	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
190	Innovation Technology Series: Lean and Six Sigma Certifications	Department of Mechanical Engineering	Dr.K.Balasubramanian	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
191	Innovation on Air Compressor and CFD Analysis	Department of Mechanical Engineering	Dr.C.Samson Jerold Samuel	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
192	Charms of Becoming an Entrepreneur and the Skills to be Developed	Department of Mechanical Engineering	Dr.P.Ashoka Varthanan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
193	Dismantling and Assembling of IC Engine and Gear Box	Department of Mechanical Engineering	Dr.R.Soundararajan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
194	Innovation Technology Series: FEA Techniques in New Product Development	Department of Mechanical Engineering	Dr.C.Samson Jerold Samuel	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
195	Innovations In Automotive Industries	Department of Mechanical Engineering	Dr.R.Soundararajan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
196	Electric Vehicle Dynamics and Smart Connected innovations in Automations	Department of Mechanical Engineering	Dr.R.Soundararajan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
197	Impact of Automation in Industrial innovation	Department of Mechanical Engineering	Mr.N.Ramachandran	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal

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198	Innovation Technology Series: Industry IOT	Department of Mechanical Engineering	Mr.N.Ramachandran	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
199	Innovation Technology Series: Foundry 4.0 - Opportunities and Challenges	Department of Mechanical Engineering	Dr.C.Samson Jerold Samuel	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
200	Scope of CAE in Industrial innovation	Department of Mechanical Engineering	Dr.C.Samson Jerold Samuel	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
201	Entering a New Era using Simulation Technology for Aircraft Electrification	Department of Mechanical Engineering	Dr.R.Ramamoorthi	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
202	Innovation Technology Series: Ansys LS-DYNA Overview	Department of Mechanical Engineering	Dr.P.Ashoka Varthanan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
203	Innovations in Aircraft Instruments	Department of Mechanical Engineering	Dr.P.Ashoka Varthanan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
204	Innovation Technology Series: Introduction to 3D Modelling using Fusion 360 for innovative project designs	Department of Mechanical Engineering	Dr.C.Samson Jerold Samuel	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
205	Innovation Technology Series: Identify Aircraft Community Noise Sources and Reduce its Impact Using Simulia Fluids Solutions	Department of Mechanical Engineering	Dr. R. Jeyakumar	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
206	Innovation Technology Series: Predicting Additive Manufacturing Build Cracks Using XFEM	Department of Mechanical Engineering	Dr C Rajendran	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
207	Innovation Technology Series: Six Sigma	Department of Mechanical Engineering	Dr.V.Karthickeyan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
208	Innovation Technology Series: Additive Manufacturing	Department of Mechanical Engineering	Dr.R.Arunbharathi	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
209	Innovation Technology Series: Braking System for Autonomous Vehicles	Department of Mechanical Engineering	Dr.M.Vigneshkumar	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
210	Innovation Technology Series: Non Destructive Testing and ASNT	Department of Mechanical Engineering	Dr.K.P.Yuvaraj	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
211	Innovation Technology Series: Sustainable Energy	Department of Mechanical Engineering	Mr.R.Arun Kumar	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
212	Innovations in Manufacturing of Combat Aircraft	Department of Mechanical Engineering	Dr.R.Soundararajan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal

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213	Innovation Technology Series: 3D Printing Training	Department of Mechanical Engineering	Dr.R.Ramamoorthi	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
214	Innovation Technology Series: Trends in Mechanics	Department of Mechanical Engineering	Dr. R. Jeyakumar	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
215	Innovations and development of Solar Project - Residential and Commercial Scale Systems	Department of Mechanical Engineering	Dr.K.Balasubramanian	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
216	Creativity and Innovation for Engineers	Department of Mechanical Engineering	Dr.C.Samson Jerold Samuel	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
217	Future trends in Automotive Industry Innovation	Department of Mechanical Engineering	Dr.P.Ashoka Varthanan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
218	Innovation Technology Series: Machine Vision	Department of Mechanical Engineering	Dr.R.Soundararajan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
219	Innovation Technology Series: Automotive NVH	Department of Mechanical Engineering	Dr.C.Samson Jerold Samuel	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
220	Innovation Technology Series: Lean Manufacturing	Department of Mechanical Engineering	Dr.R.Soundararajan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
221	Innovation Technology Series: Power Plant Cycles	M	Dr.C.Samson Jerold Samuel	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
222	Innovation Technologies In Foundry	Department of Mechanical Engineering	Dr.C.Samson Jerold Samuel	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
223	Additive Manufacturing: Innovations, Applications And Envisaged Developments	Department of Mechanical Engineering	Dr.P.Ashoka Varthanan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
224	Aerospace Carbon Fiber Composites with Built in Innovations Functionality	Department of Mechanical Engineering	Dr.C.Samson Jerold Samuel	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
225	Design and Manufacturing Technology in Industries	Department of Mechanical Engineering	Dr.C.Samson Jerold Samuel	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
226	Innovative Techniques in Automation and Production Management	Department of Mechanical Engineering	Dr.R.Soundararajan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
227	Innovations in Manufacturing of Cutting Tools	Department of Mechanical Engineering	Dr.C.Samson Jerold Samuel	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal

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228	Innovation Technology Series: Importance of Tolerancing in Engineering Design	Department of Mechanical Engineering	Dr.R.Soundararajan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
229	Innovation Technology Series: Braking System in Automobiles	Department of Mechanical Engineering	Dr.R.Soundararajan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
230	Industrial Management & Professional Ethics for entrepreneurs	Department of Mechatronics Engineering	Ms. R. Aishwarya Lakshmi	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	Guest lecture conducted through online mode. Students learnt about ethical values to be followed in industries and Industrial Management	Internal
231	Measurement and Instrumentation Tooling Innovations in Labview Software	Department of Mechatronics Engineering	Ms.R.Priyadarshini	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Internal
232	Innovations in Electrical Machines and Controls	Department of Mechatronics Engineering	Mr.N.V.Deepak	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	Guest lecture conducted through online mode. Students learnt about modern electrical machines in industries	Internal
233	Innovations in Industrial Robotics	Department of Mechatronics Engineering	Mr.Emmanuel ospel Raj	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	Guest lecture conducted through online mode. Guest lecture focussed on Modern technology in Robotics field	Internal
234	Embedded Application in Electric Vehicle Innovation	Department of Mechatronics Engineering	Mr.N.Manikandan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	Guest lecture conducted through online mode. Student learnt about need and technology of E - Vehicle in India	Internal
235	Innovations in Gasoline Engine Management - System and Components	Department of Mechatronics Engineering	Mr.C.Prasath	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	Guest lecture conducted through online mode. Students learnt about components and working of gasoline engine system	Internal
236	Recent Trends in Industrial Automation	Department of Mechatronics Engineering	Mr.P.M.Arunkumar	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	Participants learnt about importance of automation in industries, different modes of automation and recent applications of automation	Internal
237	Automation and robotic innovations	Department of Mechatronics Engineering	Ms.S.Sneha	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	Guest lecture conducted through online mode. Guest lecture focussed on Industrial automation and robotic application in automation	Internal
238	Innovation Technology Series: Industrial Automation	Department of Mechatronics Engineering	Ms.S.Kannaki	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	Participants learnt about basics of PLC, its use in industry and programming of PLC	Internal
239	Innovation Technology Series: Vehicle diagnostics	Department of Mechatronics Engineering	Ms.K.Ananthi	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	Guest lecture conducted through online mode. Student learnt about the vehicle diagnostics	Both
240	Innovation Technology Series: Vision system	Department of Mechatronics Engineering	Ms.S.Nithyapriya	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	Participants learnt about the vision system with types and components, basic working procedure with case study	Internal
241	Innovations in Mechatronics	Department of Mechatronics Engineering	Ms.J.Indirapriyadarshini	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	Participants learnt about basics of sensors, role of mechatronics in manufacturing industries	Internal
242	Innovation Technology Series: Programmable Logic Controller	Department of Mechatronics Engineering	Mr.P.M.Arunkumar	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	Participants learnt about basics of PLC, its use in industry and programming of PLC	Internal

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243	Innovation Technology Series: Software Quality Engineering	Department of Mechatronics Engineering	Ms.M.Bhuvanewari	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	Participants have gained knowledge on the role of software quality engineer in process flow, testing, software development stages etc,	Internal
244	Software Quality Assurance and Project Management	Department of Mechatronics Engineering	Ms.M.Bhuvanewari	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	Participants understand the concepts about quality assurance, Project management and trend in software quality engineering	Internal
245	Innovations in Cyber security and Ethical Hacking	Department of Mechatronics Engineering	Ms.S.Kannaki	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	Participants have gained knowledge on the role of engineers in handling datas in secured way	Internal
246	Cloud Computing - A platform for Your Creativity and innovative thinking	Department of Mechatronics Engineering	Ms.J.Indirapriyadarshini	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	Participants have gained knowledge about data handling using cloud computing	Internal
247	Innovation Technology Series: Internet of Things	Department of Mechatronics Engineering	Ms.K.Ananthi	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	Participants have gained knowledge about data handling using cloud computing	Internal
248	Innovation Technology Series: Process control & Automation to Digitalization	Department of Mechatronics Engineering	Mr.L.Feroz Ali	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	Participants have gained knowledge about data handling using cloud computing	Internal
249	Innovation Technology Series: Industry 4.0 for Automotive Plant Maintenance	Department of Mechatronics Engineering	Mr.R.Vishnuvardhan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	Guest lecture conducted through online mode. Students learnt about effect of industry 4.0 in automotive industries	Internal
250	Simulation and Modelling Software's - an innovtive view	Department of Mechatronics Engineering	Mr.T.Vignesh	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	guest lecture conducted through online mode, they learned about the modelling software's and there important	Internal
251	Technology and Sustainability of Electric Vehicle innovations	Department of Mechatronics Engineering	Ms.S.Nithyapriya	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	Guest lecture conducted through online mode,they learned about the importance batter and battery management system, technological development in EV	Internal
252	Innovations in Welding Process / Technologies	Department of Mechatronics Engineering	Mr.L.Feroz Ali	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	Guest lecture conducted through online mode,they learned about the importance batter and battery management system, technological development in EV	Internal
253	Innovation Technology Series: Failure Analysis on Solid State Drives	Department of Mechatronics Engineering	Ms.K.Ananthi	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	Guest lecture conducted through online mode,they learned about the importance batter and battery management system, technological development in EV	Internal
254	Innovation Technology Series: Importance of Coding	Department of Mechatronics Engineering	Mr.S.Panneerselvam	01 Jan 2022 - 31 Mar 2022	All gained knowledge on coding and importance of coding for core department students.	webinar conducted through online mode, they learned about importance of coding for mechatronics students	Internal
255	Planning and Approval Process for Startups	Institutions Innovation Council	Mr. Manoram R B	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
256	Engineering Entrepreneur Awareness Program	Institutions Innovation Council	Dr. T. Keerthika	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
257	English for Entrepreneurs	Institutions Innovation Council	Mr. T. Vignesh	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	Basics skill and English for enteruprenership is tough to the participants	Both

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258	Ethics for Entrepreneurs	Institutions Innovation Council	Dr. D. Prabha	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
259	Core Project Contest	Institutions Innovation Council	Mr. V. Karthik	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
260	Language for Entrepreneurs	Institutions Innovation Council	Mr. A. Jesudass	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
261	Strategies of Student Entrepreneurs	Institutions Innovation Council	Mr. A. Jesudass	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
262	The Art of Design Thinking	Institutions Innovation Council	Mr. Manoram R B	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
263	Digitization and Design Thinking	Institutions Innovation Council	Ms. Kavitha M	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
264	In House Hackathon - 2022	Institutions Innovation Council	Dr. P. Ashoka Varthanan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
265	Project Expo	Institutions Innovation Council	Mr. Manoram R B	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
266	Entrepreneurship Awareness Camp - I	Institutions Innovation Council	Dr. Sujaritha M	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
267	Entrepreneurship Awareness Camp - II	Institutions Innovation Council	Dr. Sujaritha M	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
268	Entrepreneurship Awareness Camp - III	Institutions Innovation Council	Dr. Sujaritha M	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
269	IPR And Patent Drafting	Institutions Innovation Council	Mr. S. Vignesh	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
270	Project Management	Institutions Innovation Council	Mr. A. Jesudass	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
271	Drafting Effective Project Proposal	Institutions Innovation Council	Mr. Manoram R B	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
272	The Future of Making Entrepreneur	Institutions Innovation Council	Dr. T. Keerthika	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both

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273	Uncertainty and Managing Uncertainty - at Down Trends	Institutions Innovation Council	Mr. T. Vignesh	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
274	Entrepreneurs opportunities after Disaster - a Case approach	Institutions Innovation Council	Dr. D. Prabha	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
275	Digital Entrepreneurship	Institutions Innovation Council	Mr. Manoram R B	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
276	Companies Fresh Start Schemes	Institutions Innovation Council	Mr. S. Vignesh	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
277	Women Entrepreneuers Strength in Numbers	Institutions Innovation Council	Dr. Sujaritha M	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
278	Startup in Global Crisis	Institutions Innovation Council	Dr. D. Prabha	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
279	Making Future Bright	Institutions Innovation Council	Ms. Kavitha M	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
280	Innovation Day	Institutions Innovation Council	Dr. P. Ashoka Varthanan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
281	Internal Hackathon	Institutions Innovation Council	Dr. P. Ashoka Varthanan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
282	Entrepreneurship Traits	Institutions Innovation Council	Mr. A. Jesudass	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
283	Entrepreneurship Training - Team work	Institutions Innovation Council	Dr. Radhakrishnan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
284	Entrepreneurs opportunities in Mechatronic Engineering	Institutions Innovation Council	Mr. T. Vignesh	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
285	Entrepreneurs Opportunities in Civil Engineering	Institutions Innovation Council	Dr. Radhakrishnan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
286	Hobby club activity- Lets get entrepreneurs	Institutions Innovation Council	Mr. Manoram R B	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
287	Entrepreneurs Opportunities	Institutions Innovation Council	Dr. T. Keerthika	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both

S.No	Name of Event/Activity (Full Name)	Organizing Department/Centre/Student Body Name	Faculty - Incharge	Target Months	Achievement expected	Prepare short guideline	Target audience (Internal / Extrenal /Both)
288	Demo day : Project Expo	Institutions Innovation Council	Mr. T. Vignesh	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
289	The Art and Craft of Teaching Entrepreneurship	Institutions Innovation Council	Dr. Radhakrishnan	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
290	Intellectual Property Rights (IPR) & Standardization	Institutions Innovation Council	Mr. Manoram R B	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
291	Innovation & Start-up Ecosystem in India: How Global Corporates can Tap into this Ecosystem	Institutions Innovation Council	Mr. T. Vignesh	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
292	Alumni talk on Startups	Institutions Innovation Council	Dr. D. Prabha	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
293	Exploring the Path for Entrepreneurship	Institutions Innovation Council	Mr. Manoram R B	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
294	Innovation day : Awakening the Engineer in you	Institutions Innovation Council	Mr. Manoram R B	01 Jan 2022 - 31 Mar 2022	All the participants will be certified and gain Knowledge in the relevant field.	1. Guest lecture will be conducted through virtual mode by industrial experts. 2. e-Certificates will be provided for those participants.	Both
295	Entrepreneurship Training -Expert Talk- Part 1	Master of Business Administration	Dr Sridevi K B	01 Jan 2022 - 31 Mar 2022	130 participants will be trained in reaching the corporate's sales targets	1. Industrial experts will be training the participants. 2.The participants fullest attendance is needed. 3. The participants have to complete the pop up quiz during the program.	Internal
296	Innovation Technology Series: Scope of Microsoft - Azure Cloud In Business Research	Master of Business Administration	Dr Thamaraiselvi P	01 Jan 2022 - 31 Mar 2022	130 participants will be exposed to Microsoft Azuer	1. Industrial experts will be training the participants. 2.The participants fullest attendance is needed. 3. The participants have to interact with the expert during the program.	Internal
297	Entrepreneurship Training on Customer Relationship Management	Master of Business Administration	Dr Sridevi K B	01 Jan 2022 - 31 Mar 2022	130 participants will be trained in customer relationship management	1. Industrial experts will be training the participants. 2.The participants fullest attendance is needed. 3. The participants have to solve the simulation during the program.	Internal
298	Entrepreneurship Training -Expert Talk- Part 2	Master of Business Administration	Dr Sridevi K B	01 Jan 2022 - 31 Mar 2022	130 participants will be fully trained in reaching the corporate's sales targets	1. Industrial experts will be training the participants. 2.The participants fullest attendance is needed. 3. The participants have to complete the pop up quiz during the program.	Internal
299	Alumni talk on Startups	Master of Business Administration	Dr Sridevi K B	01 Apr 2022 - 30 Jun 2022	130 participants will be oriетned about upskilling and reskilling for professionals.	1. Industrial experts will be training the participants. 2.The participants fullest attendance is needed. 3. The participants have to complete the pop up quiz during the program.	Internal
300	Innovation Technology series: Cyber Security Program	Science and Humanities	Dr.Shanthi	5 Apr 2022 - 30 Jun 2022	Participants expected to have knowledge on cyber security	1. Guest lecture will be conducted by subject experts. 2. e-Certificates will be provided for those participants.	Internal
301	Demo day : Innovators	Science and Humanities	Dr.A.Mohanraj	6 Apr 2022 - 30 Jun 2022	Participants will be expected to project their innovative ideas	Participants will get certificates and guided by the subject experts to develop their ideas	Both
302	Technical Symposium	Science and Humanities	Dr.Shobana & Dr.Induleka	7 Apr 2022 - 30 Jun 2022	Participants will be expected to know about paper presentation	Participants will get certificates and guided by the subject experts to develop their ideas	Internal
303	Science & innovation Day	Science and Humanities	Dr.Shobana & Dr.Induleka	8 Apr 2022 - 30 Jun 2022	Participants will be expected to project their projects	Participants will get certificates and guided by the subject experts to develop their ideas	Both

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PLAN FOR NEW COURSES RELATED TO ENTREPRENEURSHIP

S. No	Department	List of new courses in R2020 curriculum related to Entrepreneurship, IPR and Innovation
1	Mechanical Engineering	Technology Management
2	Civil Engineering	Economics and Business finance for Civil Engineers
3	Computer Science and Engineering	Business Analytics
4	Information Technology	Autonomous Robotics

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PLAN FOR NEW MoU's

S. No	Department	List of MoU planned for upcoming year	Target Months
1	Mechanical Engineering	1. Macbro Technology India Private Limited 2. All India Council For Robotics & Automation	1. Oct 2021 2. Sep 2021
2	Electronics and Communication Engineering	1. Robert Mobile Garden Pvt Ltd 2. JECRC University	1. Oct 2021 2. Nov 2021
3	Electrical and Electronics Engineering	1. EVNEXUS Private Ltd 2. Nestlives Private Ltd	Nov 2021
4	Computer Science and Engineering	IMARTICUS LEARNING PVT LTD.	Sep 2021
5	Information Technology	1. DXC Technology 2. Inspirisys	Nov 2021
6	Master of Business Administration	Make Intern	Nov 2021
7	Computer Science and Business Systems	Coitor IT Tech	Sep 2021



NISP coordinator / SKCET

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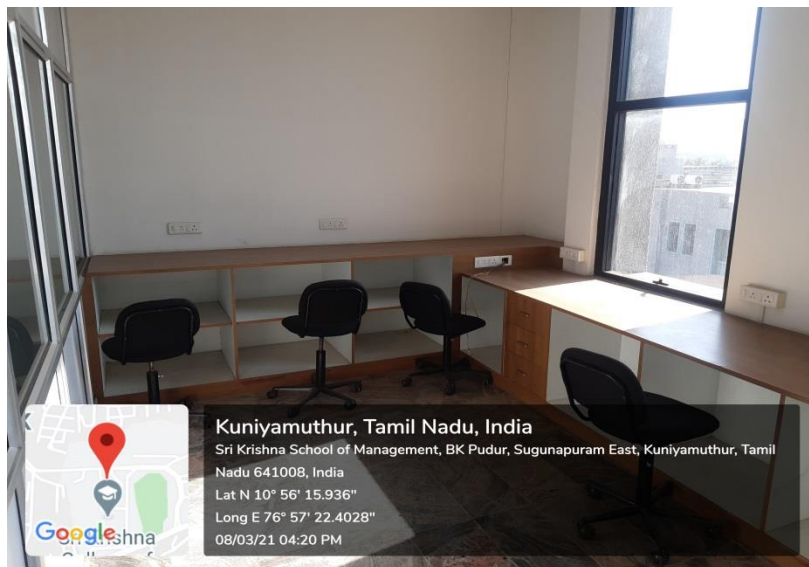
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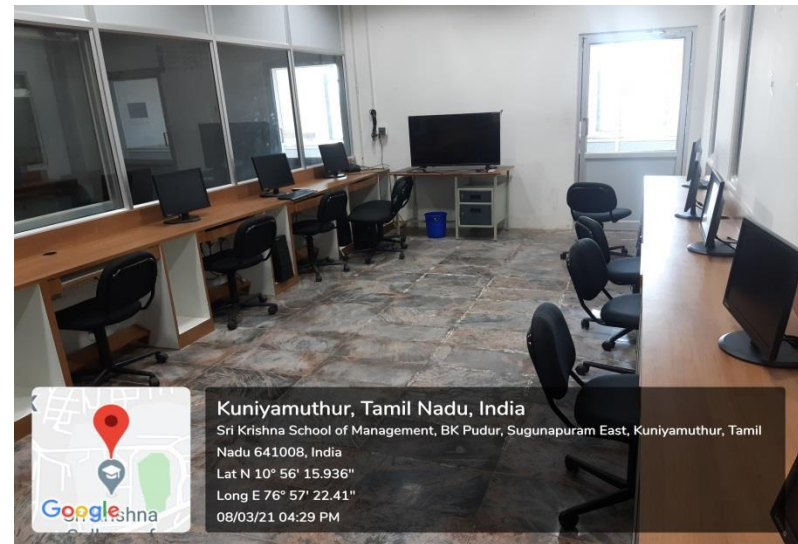
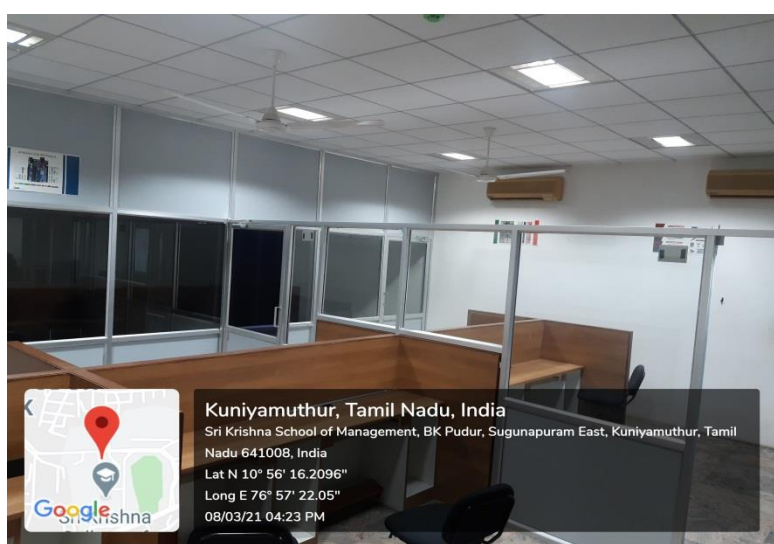
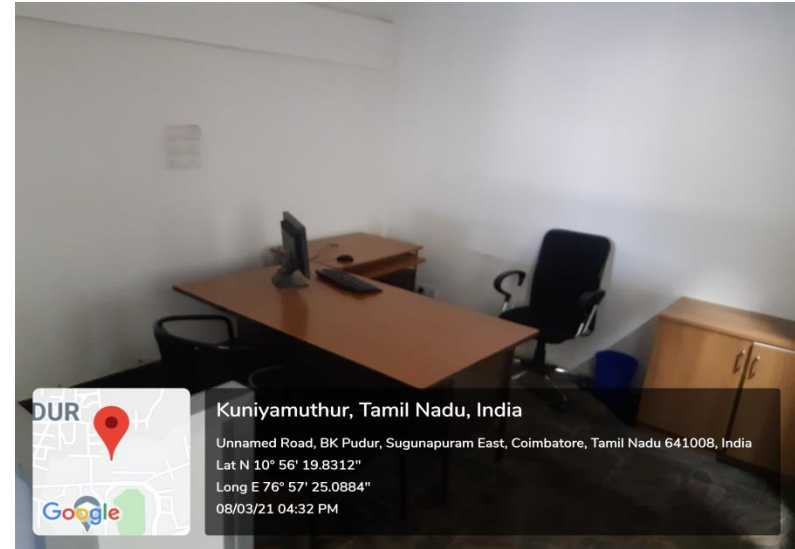


(An Autonomous Institution, Approved by AICTE & Affiliated to Anna University, Chennai)
Accredited by NAAC with 'A' Grade & Accredited by NBA (B.E., MECH., MCT., ECE., CSE., EEE., CIVIL, B.Tech., IT)
Kuniamuthur, Coimbatore - 641 008.

Phone : (0422) - 2678001 (7 Lines) Fax : 0422 - 2678012 E-Mail : info@skcet.ac.in, website : www.skcet.ac.in

1. Photographs of the Incubation facility





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3.3.4 Number of start-ups incubated on campus during the year from 2014-2021:

S.No	Name of the Start-up	Name of the Incubatee	Corporate Identification Number (CIN) / Goods and Services Tax Identification Number (GSTIN) / Limited Liability Partnership (LLP) Number
1	Labonde Exports Private Limited	Mr.Sajith Thenkarussy Kolakampadath	U52609TZ2019PTC031684
2	INVIN Innovation and Technology Pvt Ltd	Aravind.K.J	U34300TZ2019PTC032490
3	Projekt Motorrad LLP	Mr Mohammed Fahd	AAU-8205
4	Purandara Graphics Sales and service	Mr Vishnu K	33AABFP6355Q1ZS
5	Linga Agri Trading and Machinery Private Limited	Gowtham Siddharth	U29309TZ2018PTC030272
6	Torque Energy Private Limited	Mr.Pavan Kumar	U31100TZ2020PTC033895
7	Incend Digital Private Ltd	Mr T Praveen	U72501TZ2018PTC030825
8	Cocobi Producer Company Ltd	Mr S Gowthamsivan	U17301TZ2017PTC029799
9	Crayond Digital Private Limited	Makesh G	U72900TZ2019PTC032343
10	IICCSS Technologies Private Limited	M Saravanakumar	U72200TZ2018PTC030659
11	R-TRIX Mobility Services Private Limited	Sri Siva	U71301TZ2020PTC033917
12	R.BCC Exporters Private Limited	S Raja Rajan	U74999TZ2017PTC028709
13	Frigate Engineering Services Private Limited	V Tamizhinian	U31900TN2021PTC141899
14	Sri Ramya Industries	Vignesh	33AUXPS5359M1ZJ
15	SYINDIA Inventors Pvt Ltd	R Palanivel	UB80902PY2019PTC008434
16	School Basix	Anmol Vij	U51909TZ2019PTC033253

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KUNIAMUTHUR, COIMBATORE - 641008



EXEMPLARY ENTREPRENEURS

S.No	Name of the Start-up	Name of the Incubatee	Corporate Identification Number (CIN)/ Goods and Services Tax Identification Number (GSTIN) / Limited Liability Partnership (LLP) Number
1	Projekt Motorrad LLP	Mr. Mohammed Fahd	AAU-8205
2	Linga Agri Trading and Machinery Private Limited	Mr. Gowtham Siddharth	U29309TZ2018PTC030272
3	Torque Energy Private Limited	Mr.Pavan Kumar	U31100TZ2020PTC033895
4	IICCSS Technologies Private Limited	Mr. M.Saravanakumar	U72200TZ2018PTC030659
5	R-TRIX Mobility Services Private Limited	Mr. Sri Siva	U71301TZ2020PTC033917
6	R.BCC Exporters Private Limited	Mr. S.Raja Rajan	U74999TZ2017PTC028709
7	School Basix	Mr. Anmol Vij	U51909TZ2019PTC033253

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THE FEDERAL BANK LTD
Regd. Office:Aluva, Kerala.

Date: 24/11/2020

To

M/S LINGA TECHNOLOGIES,
302 7 E GINNING FACTORY ROAD IRUGUR COIMBATORE ,
641103 ,TAMIL NADU ,
IN

Dear Sir(s),

Sub: Sanction of Credit Facility(ies)

We are pleased to inform you that the under noted Credit Facility(ies) are sanctioned to you based on your request and other discussions that we had with you.

S No.	Nature of Facility	Amount Sanctioned (Values in Lakhs)
1	CASH CREDIT	Rs. 120.00
2	EI - TL - GECL (BUB)	Rs. 12.00

The aforesaid Credit Facility (ies) are sanctioned at the sole discretion of the Bank and disbursal will be subject to full and complete compliance of the terms and conditions listed in Annexure . Credit facility (ies) are to be used exclusively for the purposes for which they have been sanctioned.

This letter and annexure are issued in duplicate. Please return the duplicate copy of this letter and annexure duly signed by you as a token of having accepted the terms and conditions and undertaking to comply with the same.

We look forward to a mutually beneficial relationship.

Thanking You,

Yours Faithfully,

For Federal Bank Ltd

Senior Manager/Chief Manager

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We accept the terms and conditions
contained in this sanction letter (including
the Annexes).

Authorised Signatory/ ies

THE FEDERAL BANK LTD
Regd. Office:Aluva, Kerala.

Annexure I

Borrower Name: M/S LINGA TECHNOLOGIES	Sanction Order No.: CL/2020/19820000931
Branch: COIMBATORE / PAPANAikan PALAYAM	Dated : 24-11-2020

1	Nature of Facility	CASH CREDIT - 1	EI - TL - GECL (BUB) - 2
2	Unique facility No.	19820000931-1	19820000931-2
3	Limit Sanctioned (in Lakhs)	120.00	12.00
4	Amount in words	One Crores Twenty Lakhs only	Twelve Lakhs only
5	Period (in Months)	12	43
6	Repayment Holiday (in months)	0	7
7	Lock Payment During Holiday	Not Applicable	Principal Only
8	Int. / Comm. /Disc. (% P.A) *	14.05 % p.a.	9.25 % p.a.
9	Periodicity for reset of interest *	Not Applicable	Not Applicable
10	Basis for interest reset *	Not Applicable	Not Applicable
11	Int.Rests	Monthly	Monthly
12	Interest Charged During Holiday Period	To be paid as and when debited	To be paid as and when debited
13	Margin (%)	25% on Stock and 50% on Book Debts	
14	Processing Charges/Upfront Fee	1.000% +GST	0.000% +GST
15	Repayment	LUMPSUM	EMI
16	Prepayment Penalty	3% of the limit (if adhoc limit is sanctioned, total limit shall be taken into account) or balance outstanding whichever is higher in case of limit closed during the	As per Norms

		tenure of loan	
17	Penal Interest / Liquidated damages (%)	2% in case of exceeding & noncompliance of SO conditions. Additional penal interest at 0.50% p.a for SMA1 and 1% p.a for SMA2, for the remaining portion of the loan amount, if the account getting classified into SMA Category.	0.00
18	Commitment Charges	0.15 % per quarter for every unutilized portion, if quarterly average balance is less than 75% of the sanctioned limit.	Nil
19	Any other fee	1. Documentation charges 2. Inspection charges 3. CIBIL Cersai Charges with applicable GST.	As per Norms
20	Valuation Fee	As per Norms	As per Norms
21	Additional Interest	Additional interest of 1% each (overall cap 2%) shall be charged for the following irregularities: a) Non submission of Audited financial statements, if not submitted before 30th November of the particular year. b) Non routing of proportionate cash flows from business through CC account c) Non compliance with sanction order conditions. However the total additional interest charged due to various non compliances will not exceed 2% p.a.	As per Norms
22	Internal Credit Rating	„FBR5	„FBR5
23	Category	10	10
24	Sector	276	276
25	Subsector	OTHER SPECIAL PURPOSE MACHINERY	OTHER SPECIAL PURPOSE MACHINERY
26	Activity Code	2920901	2920901
27	Subsidy Details	0.00	0.00

*In case of loan with interest rate linked to MCLR, the interest rate mentioned above is based on MCLR for the corresponding tenor as at the date of sanction. However, if the loan/ facility is not availed on or before next date of review of MCLR, the rate of interest will be decided based on the MCLR applicable as at the date of (first) disbursement of the loan/ facility, keeping other terms and conditions unchanged.

Priority/Non-Priority	Priority
Rating	FBR5
Guarantee Cover	

Activity Code	2920901
Activity Description	MANUFACTURE OF OTHER SPECIAL PURPOSE MACHINERY INCLUDING PARTS / ACCESSORIES
Activity Name	NA/NIL
Total liability	132.00
Total liability of Group	132.00

Securities:

Security Description	Value	Borrower Name	Facility	Existing/ Proposed Limit	Type of security
Hypothecation of stock with 25% margin	0.00	LINGA TECHNOLOGIES	CASH CREDIT	120.00	Primary
			EI - TL - GECL (BUB)	12.00	Collateral
Hypothecation of book debts with 50% margin	0.00	LINGA TECHNOLOGIES	CASH CREDIT	120.00	Primary
			EI - TL - GECL (BUB)	12.00	Collateral
GECL : Security interest/charge on all movable assets created out of the WCTL.	0.00	LINGA TECHNOLOGIES	EI - TL - GECL (BUB)	12.00	Primary
EM of residential land admeasuring 5.50 cents with 2490.97 sq.ft building situated under D.No.46, S.F No.615/1, 614/1, T.S.No.1299/33/2, 1300/33/2, Site No.23, Ward No.J, Union Mill Road, KPN Layout 1st Street, Thottipalayam Village, Palladam Taluk, Tirupur District – 641602, in the name of Mr. Swaminathan S	110.72	LINGA TECHNOLOGIES	CASH CREDIT	120.00	Collateral

(Aged 80 ,Grand Father of the proprietor), valued at Rs. 110.72L as on 23.07.2020. (Approved area of (952 sq.ft) building value is only considered for valuation).			EI - TL - GECL (BUB)	12.00	Collateral
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Co-Obligants (C) Guarantors (G) :

S No.	Name	C or G	Customer ID	Net worth	Other Liabs. Bank		
					Other Nature	Liabs. to our A/c.	Bank Br.
1	MR SWAMINATHAN .	CO OBLIGANT	1298560	205.00			
2	MRS KUPPULAKSHMI .	CO OBLIGANT	1298561	22.00			

Repayment Schedule:**EI - TL - GECL (BUB)**

Frequency	No of Installments	Installment amount	Total
	36	0.3830	13.7880
Total	36	0.38	13.79

Pre-Disbursal Conditions

- General Covenants is part of sanction order and shall be signed/acknowledged by the borrower. RM shall ensure to comply the terms and conditions stipulated in General Covenants attached herewith.
- 1.Branch shall obtain satisfactory credit opinion from Canara Bank 2. Branch shall ensure that no loans other than the working capital limits reported (CC-Rs.100L, GECL-Rs.12L) are charged against the security property and shall obtain letter regarding the same from Canara Bank.3. Branch shall obtain MOD copy from Canara Bank and confirm that list of documents mortgaged with Canara Bank are the same as that in the LSR issued by our Panel Advocate.
- Agreement in lieu of interim security shall be obtained.
- In case of Working capital limits, Only the permissible balance or actual balance in CC with Canara Bank whichever is lower shall be taken over and initial disbursal of CC limit shall be restricted to the same. Remaining portion/enhanced portion of CC limit shall be disbursed only after completion

of security perfection/takeover formalities . Branch shall also obtain documentary evidence for closure of WC limits with existing lender before disbursement of enhanced CC limit.

5. Direct payment shall be made to Canara Bank as per authorization obtained from the applicant to close the entire liability and receive the title deeds. Branch shall collect the entire set of property documents as per authorization submitted by the applicant.
6. Branch shall ensure that for GECL takeover, all norms as per Cir-10536 dated 24.08.2020, conditions as per scheme related to execution of documentation/collection of end use/CA certificate etc., is complied and Prior intimation shall be given to NCGTC through Zonal Office for creation of additional charge on securities already charged to GECL, confirmation regarding the same shall be obtained and filed.
7. Branch shall ensure no interest payments are pending to be serviced in the CC a/c for the moratorium period availed by the firm. Further for the GECL taken-over interest shall be serviced as and when debited for the holiday period and further repayment after holiday period as EMI.
8. Provisional financials as on 30.09.2020 of the concern shall be submitted to RCH.
9. Latest work orders in the name of M/s Linga Technologies shall be submitted.
10. GSTR from June 2020 shall be submitted.
11. Structural stability certificate shall be obtained from the panel valuer.

No Disbursals of the limits sanctioned shall be permitted until all pre-disbursement conditions are complied with ; if any amendment is required, prior approval of the sanctioning authority shall be obtained.

Post-Disbursal Conditions

12. A supplementary LSR certifying the genuineness of the original title deeds (after verification of original deeds with certified copy obtained from SRO, after takeover) shall be obtained within 15 days of takeover. EM/MOD/MOE/MORD formalities of the collateral security properties currently mortgaged with CUB shall be completed within 15 days from the date of takeover of limits failing which penal interest at 2% shall be charged. Wherever, charges created by transferor bank with CERSAI exist against such securities, satisfaction of such charges should be duly registered with CERSAI.
13. Primary/collateral securities shall be insured for their full market value with bank clause as per bank's instructions, preferably with our insurance partner
14. Stock inspection/ site inspection/ unit visit shall be done on a half yearly basis and report to be submitted to in the prescribed format .
15. The CC limit shall be utilized only for meeting the WC needs of the borrowers business. Drawing power shall be strictly regulated on the basis of stock statement and book debts statement submitted monthly. Book debts up to 90 days shall be included for arriving drawing power.
16. CA certificates (wherever applicable) from the borrower for end use of

funds shall be obtained and filed.

Reference Comments

Refer A R Circulars 2,3,10A,14,15,25,26,27,28,37,38,44,45,47,48,49,54 and as amended upto date.

JANET

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REF : CB : SME : CHINNI : 172 A : 2020 : RRP

DATE : 12.10.2020

M/s. LINGA AGRI TRADING AND MACHINERY PVT LTD

**Directors : 1. Mr. GOVINDRAJ SWAMYNATHAN
2. Mr. GOWTHAM SIDHARTH
3. Mr. VIGNESH GOVINDARAJ**

**SF.NO : 302/7E ,Ginning Factory Road,
Irugur , Coimbatore - 641 103.**

Dear sirs,

SUB : Your Request for Fresh Working Capital Limit of Rs 50.00 Lakhs

We are pleased to inform you that competent authority has sanctioned the following credit limit as per the terms & conditions stipulated below.

SANCTION MEMORANDUM	
Name of the Firm	M/s. LINGA AGRI TRADING & MACHINERY PVT LTD
Constitution	Private Limited Company
Line of business	Manufacturing and Trading of agricultural Machineries
Year of establishment	2018
Dealing with us Since	2018
Sanctioning Authority	SENIOR MANAGER, BRANCH
Date of Sanction	12/10/2020

The following credit facilities are permitted.

Nature of Limit	Fund Based – Working Capital
OCC / ODBD	Rs.50.00 Lakhs (Rupees Fifty lakhs only)
Purpose	Working Capital Requirements
Rate of Interest	RLLR + 2.25 % - 0.25 % presently 8.90% p.a (RLLR : 6.90% & 0.25% concession on CGTMSE covered accounts).
Margin	30% for Stocks & 40 % for Book Debts
Age of the Book debts	Not more than 90 days
Tenability	11/10/2021
Submission of Stock / BD statements	Monthly on or before of 7 th of succeeding month
Stock inspection	Monthly at irregular intervals

(This is a fresh limit)

SME ,Chinniyampalayam branch , Coimbatore - 641 062
Phone : 0422 2625997 Mobile : 94890 43941
IFSC : CNRB0005997 Email :cb5997@canarabank.com



DETAILS OF SECURITIES :-

(Amounts in Lacs of Rs.)

Sl.	A.Prime :	Basis of Valuation	Value
1	Hypothecation of Stock of raw materials, Work in process and finished goods and Book Debts arising out of genuine Trade transaction	Stock & BD statement dated 12.10.2020	Stock : 89.25
	B. Collateral :		
2	To be covered under CGTMSE (Credit Guarantee Fund Trust for Micro and Small Enterprises) guarantee coverage		
3	C. Personal Guarantee :		
	Mr.Govindraj Swamynathan	NF 589 dt 8.10.2020	4.64
	Mr.Gowtham Sidharth		45.00
	Mr.Vignesh Govindraj		10.00

TERMS AND CONDITIONS :-

1. CGTMSE AGF (Annual Guarantee Fee) to be paid
2. Applicable processing, inspection, CIC reports & Documentation charges will be collected.
3. The charge over the assets of the company in respect of the limits sanctioned herein should be registered with ROC (wherever applicable) within 30 days from the date of execution of documents and filed copies of Form 8 and Form 13, together with receipt should be deposited with us. The certificate of registration is to be produced to the Bank within reasonable time for our records.
4. The firm/company shall place their entire banking business including forex/ancillary business exclusively with us.
5. An undertaking letter that company has no overdue statutory liability such as PF, Bonus, Taxes, etc to be submitted.
6. All securities should be insured against the risks of fire/strike/riot/civil commotion. In the insurance policy bank clause should be got incorporated. For assets situated in earthquake prime area or floods or aircraft damage these risks are to be covered. In the case of machinery it should be insured for reinstatement value on market value whichever is higher. In the case of construction of building, contractors All Risk Policy should be available. In the case of Electronic Equipments, computers and other peripherals, Electronic Equipments Insurance Policy should be taken.





7. The company should submit provisional financial statements within one month and audited financial statements within three months from the date of closure of the accounting year.
8. The company should maintain adequate books of accounts which should correctly reflect its financial position and scale of operations and should not radically change their accounting system without prior notice to the bank.
9. Necessary provision of funds should be made in the OCC accounts at the end of the month to enable the branch to recover the interest debited before the commencement of next month.
10. Inspection of stocks will be conducted by the branch officials at irregular intervals as per sanction terms and conditions.
11. For delayed/non-submission of stock statements, penal interest will be collected.
12. The Bank's name board(s) should be displayed prominently or painted on the machines charged/hypothecated/pledged to the Bank and/or in the premises where the machines are installed and a list of such assets should be displayed in the unit/company
13. During the currency of the Bank's credit facilities, the firm shall not, without the bank's prior consent in writing:
 - a. Formulate any scheme of amalgamation or reconstitution.
 - b. Enter into borrowing arrangement either secured or unsecured with any other bank, financial institutions, company /firm or otherwise or accept deposits from the arrangement indicated in the funds flow statements submitted to the Bank from time to time approved by the Bank.
 - c. Sell, assign, mortgage or otherwise dispose off any of the fixed assets charged to the bank
 - d. Permit any transfer of the controlling interest or make any drastic change in the management set-up;
14. The firm shall keep the Bank advised of any circumstances adversely affecting the financial position of their subsidiaries/group companies or companies in which it has invested, including any action taken by the Creditor against the said companies legally or otherwise
15. The borrowing firm as well as the guarantors should give an undertaking that no consideration whether by way of brokerage, commission, fees or in any other term will be paid by the company/firm or received by the guarantors directly or indirectly for executing the guarantee agreement
16. CA certificate on the Book Debts outstanding age wise should be submitted once in 6 months during September and March every year.

SME ,Chinniyampalayam branch , Coimbatore - 641 062

Phone : 0422 2625997

Mobile : 94890 43941

IFSC : CNRB0005997

Email : cb5997@canarabank.com



17. In case of overdrawings in the OCC account, due to delay in receipt of stock statements with reduced drawing limit, clean rate of interest will be charged for the excess amount above the drawing limit arrived in stock statement.
18. Drawings in the OCC account will be strictly permitted for day to day business requirements/production purposes only, to ensure that there is no diversion of working capital funds.
19. The interest rate is linked to RLLR.
20. The RLLR and the actual lending rate are subject to review and variation from time to time as per RBI guidelines and also subject to any changes in the financial position of the borrower.
21. The changes in the RLLR and the actual lending rate will be notified by Bank from time to time including in the Bank's Website.

The Bank may revoke in part or in full or withdraw/stop financial assistance at any state without any notice or giving any reasons for any purpose whatsoever.

The sanction does not vest in any one, the right to claim any damages against the bank for any reason whatsoever.

The rate of interest stipulated is subject to changes as decided by the bank from time to time.

कृते केनरा बैंक For Canara Bank

G. Rathina Gowri

वरिष्ठ प्रबंधक Senior Manager

चिन्नीयम्पालयम एस एम डी कोयम्बतूर

Chinniyampalayam SME Coimbatore-641062

Senior Manager
CANARA BANK

G. Rathina Gowri
M.C.A., CAIIB.
Sr. Manager SP No: 43930

Accepted all the terms and conditions as stipulated above

JANET

BORROWERS / CO OBLIGANTS / GUARANTORS

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SME, Chinniyampalayam branch, Coimbatore - 641 062

Phone : 0422 2625997
IFSC : CNRB0005997

Mobile : 94890 43941
Email : cb5997@canarabank.com



ANNEXURE II

To be stamped as an
power of Attorney cum
Indemnity accorded
act of the state



COMMON HYPOTHECATION AGREEMENT

THIS AGREEMENT made this twelve day of October 2020 BETWEEN :
Shri./.. Smt./Kum _____ son / daughter / wife / of _____
at present carrying on the business at _____ as the sole
proprietor/ix under the firm name and style of M/s.
Linga Agri Trading and Machinery hereinafter referred to as "the Borrower" which
expression shall unless repugnant to the context or meaning thereof be deemed to mean
and include its heirs, executors, administrators and assigns) of One Part OR

_____ at present carrying on the business at _____
under the
firm name and style of _____ (hereinafter referred to as "the
Borrower" which expression shall unless repugnant to the context or meaning thereof
be deemed to mean and include the partner or partners for the time being of the said
firm, the survivors or survivor of them and their respective heirs, executors,
administrators and assigns) of the One Part OR

Shri. _____ for himself and as the kartha of the joint hindu family
carrying on business at _____ under the firm name and style of
_____ (hereinafter referred to as "the Borrower" which expression
shall unless repugnant to the context or meaning thereof be deemed to include the
members or member for the time being of the said joint hindu family and their
respective heirs, executors, administrators and assigns) of the One Part OR

M/s Linga Agri Trading and Machinery Private Limited a company registered
under the provisions of the Companies Act, 1956 and having its Registered Office at
46, KPN Colony Ist Street, Tirupur, Coimbatore 641601 (hereinafter referred to as
"the Borrower" which expression shall unless repugnant to context thereof be deemed
to include its successors and assigns) of the
One Part OR

_____ a society registered under the provisions of the
Societies Registration Act, 1860 or the _____ Cooperative Societies Act,
and having its Registered Office at _____ (hereinafter
referred to as "the Borrower" which expression shall unless repugnant to the context

[Signature]
Director

[Signature]

[Signature]
Saitanandham

or meaning thereof be deemed to include the trustee or trustees or the members of the governing council or managing committee representing the society) of the One Part
AND

Canara Bank a body corporate constituted under the Banking Companies (Acquisition and Transfer of Undertakings) Act, 1970 and having its head office at No. 112, J. C. Road, Bangalore -560 002 and a branch office at SME Chinniyampalayam, Coimbatore (hereinafter referred to as "the Bank" which expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successors and assigns) of the Other Part

WHEREAS by an application dated 12.10.20 the Borrower has requested the Bank to grant the Borrower Cash Credit/Overdraft/letter of credit / co-acceptance facilities/DALC/DPG/guarantee facilities/packing credit facilities/FDB/FBE/Other loan facilities (hereinafter referred to as "the said Credit Facility") as requested by the borrower, more fully described in Schedule - 4.

OR

" WHEREAS, PURSUANT TO THE BORROWER'S APPLICATION DATED THE BANK HAS SANCTIONED CREDIT FACILITIES UP TO A MAXIMUM LIMIT OF RS. VIDE SANCTION LETTER BEARING REFERENCE NO. DATED AND WHEREAS BY APPLICATION DATED THE BORROWER HAS REQUESTED BANK TO GRANT THE BORROWER ENHANCED CASH CREDIT / OD/ LC/ CO-ACCEPTANCE FACILITY / DALC/ DPG/ GUARANTEE FACILITIES / PACKING CREDIT FACILITIES/ FDB/ FBE / OTHER LOAN FACILITIES (THE CREDIT FACILITY ALREADY SANCTIONED VIDE BANK'S SANCTION LETTER DATED AND PRESENTLY SANCTIONED VIDE SANCTION LETTER DATED HEREINAFTER COLLECTIVELY REFERRED TO AS THE SAID CREDIT FACILITY, MORE FULLY DESCRIBED IN SCHEDULE - 4 OF THE AGREEMENT), AS REQUESTED BY THE BORROWER/S."

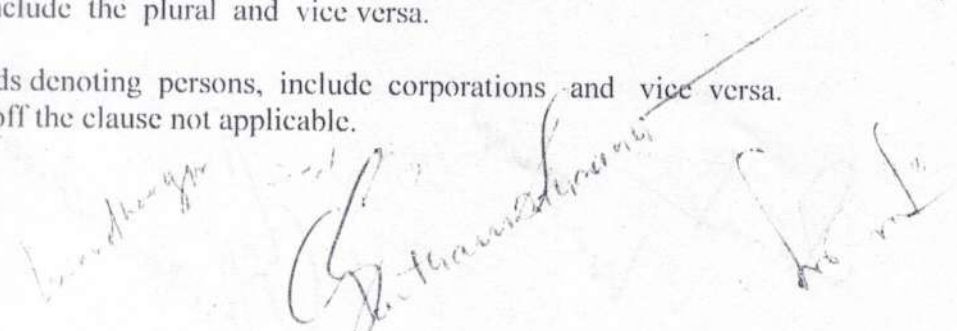
"AND WHEREAS in consideration of the Bank having advanced the said Credit Facility more fully described in Schedule-4 upto a limit of Rs. 50,00,000.00 (here specify aggregate of limits) to the Borrower, the Borrower has agreed to provide security to the bank for the due repayment of moneys advanced to the Borrower by the Bank and all the cost, charges, expenses, and other moneys due and payable by the Borrower pursuant to the said credit facilities & in terms as mentioned hereinafter".

Construction of certain references

(i) Words denoting one gender include other genders and words denoting the singular include the plural and vice versa.

(ii) Words denoting persons, include corporations and vice versa.

* Strike off the clause not applicable.



(iii) Where a word or phrase is given a defined meaning in this Agreement, any other part of speech or other grammatical form in respect of such word or phrase has a corresponding meaning.

(iv) All warranties, representations, indemnities, covenants, agreements and obligations given or entered into by more than one person in this Agreement are given or entered into jointly and severally.

(v) The Recitals, Schedules and Addendum to this Agreement shall have effect and be construed as an integral part of this Agreement but in the event of any conflict or discrepancy shall for the purposes of interpretation and enforcement of this Agreement be resolved by :

(a) giving the provisions contained in the clauses of this Agreement priority and precedence over the provisions contained in the Recitals, Schedules and Addendum of and to this Agreement; and

(b) giving the provisions in the Schedules of this Agreement priority and precedence over the provisions contained in the Recitals to this Agreement.

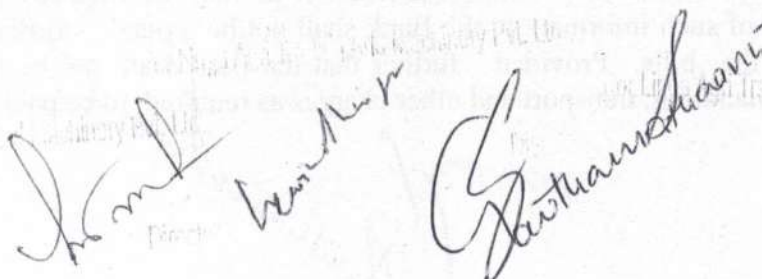
NOW THIS AGREEMENT WITNESSTH AND IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS:

1. So long as any moneys remain due and payable to the Bank under the said Credit Facility, the Borrower shall duly and punctually repay the Bank as follows:

(i) The amounts advanced by the Bank on the due dates as stated in the Schedule 1 hereto together with the interest, additional interest, penal interest, charges, commission and other expenses as the Bank may specify from time to time.

(ii) The interest payable will be calculated based on the debit balance of the account at the rate as per Schedule V, (compounded half yearly or at quarterly rests) or such other rates as the Bank may specify generally from time to time on the notice board of the Bank / branch concerned for the general information of its customers; no specific notice will be given to the Borrower for any change in interest rates. And the rates of interest for different types of facilities are morefully described in Schedule V found hereinafter

The Borrower specifically agrees that it is not entitled to any reduction in the rate of interest agreed by it at the time of the sanction of the said Credit Facility and also that it is bound to pay any upward revision in the said rate of interest as made by the Bank from time to time.



(iii) If the Borrower avails of Packing Credit Advances against cash incentives/ duty drawback entitlements of the Borrower, the Borrower shall provide full particulars of the entitlement against which the financial facility is sought in the proforma prescribed by the Bank and further the Borrower shall be liable to pay interest including compounding of interest on the sums advanced in accordance with the regulations as prescribed by Reserve Bank of India (RBI) from time to time.

The Borrower agrees that it shall in order to avail of the Packing Credit Advances produce before the Bank inland and /or foreign letters of credit/ sales contract/ correspondence/ invoice etc. The extent of credit provided by the Bank shall be at its sole discretion and the Borrower undertakes to deposit a letter of credit and other documents as and when required by the Bank.

(iv) If the Borrower avails of any other advance or facility which is regulated by RBI, interest (including compounding of interest) shall be payable and additional terms complied in relation thereto by the Borrower as may be prescribed by RBI and the Bank from time to time.

(v) If the Bank applies for availing of refinance from the Industrial Development Bank of India (IDBI), Small Industrial Development Bank of India (SIDBI), National Bank for Agricultural and Rural Development (NABARD) or any other agency, bank or financial institution (hereinafter referred to as "the Agency") in respect of the said Credit Facility, the Bank shall be at liberty to furnish to the Agency any such information or report whether received from the Borrower or otherwise in the possession or knowledge of the Bank; further the Borrower agrees to pay the rate of interest and other charges including penal interest as the Agency may determine pursuant to a scheme or otherwise and to be bound by all such additional terms and conditions as may be stipulated by the Agency. Further, the Borrower agrees that the Bank will not be obliged to get any other documentation executed in regard to the additional terms and conditions as stipulated by the Agency.

(vi) The Borrower shall comply with all the terms and conditions as prescribed by the Bank in respect of the letters of credit issued, guarantees provided or bills co-accepted as required in respect of any amounts payable by the Borrower for the goods required by it in the course of its business. Provided that the Borrower shall furnish information such as the supplier's/purchaser's name, nature of goods, quantity of goods, actual price of goods, the place from which the goods are to be supplied/purchased, the nature of the transport by which the goods will be transported and such other information as may be required by the Bank. In the absence of such information, the Bank shall not be bound to issue the guarantees/ co-accept the bills. Provided further that the Bank shall not be liable to pay charges such as handling, transport and other charges as required to be paid by the Borrower.

[Handwritten signatures and initials are visible at the bottom of the page.]

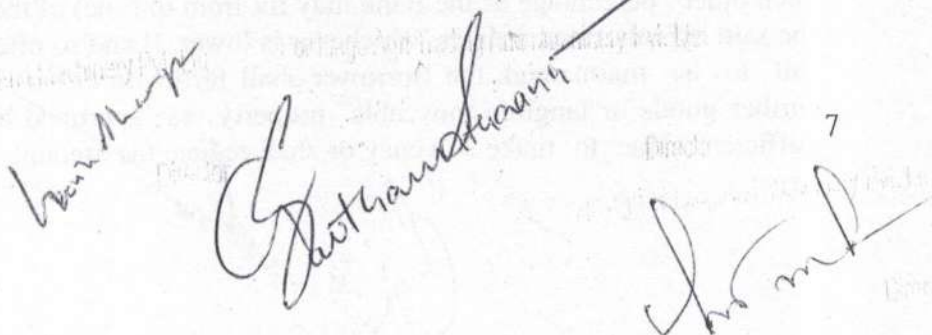
The Borrower shall repay the Bank such sums as paid by the Bank on the behalf of the Borrower in respect of the letters of credit, guarantees provided or bills accepted by it including duties such as customs duty, taxes and other levies in connection with the goods covered under the letters of credit, guarantee, bills co-accepted by the Bank and the Bank shall, in addition, debit the Borrower's account with interest and other charges as levied by the Bank. The security hereby created shall be available for the repayment of all such amounts debited to the account of the Borrower from time to time and the amount sanctioned by the Bank shall be enhanced to that extent.

vii) a) In case the Borrower defaults in any of the covenants, payment of the instalments as specified in Schedule - 1 hereto or on the submission of stock statements or statements in respect of the book debts or other matters as required by the Bank from time to time, the Borrower shall be liable to pay penal interest at the rate of 2 % per annum at such other rate as is specified by the Bank, from the date of default until due repayment and/or of satisfaction the Bank of the same in addition to and irrespective of any other consequences and remedies available to the Bank.

b) The Borrower/s hereby agree/s as a pre-condition of the loan/advances given to it by the bank that in case the borrower/s commit/s default in the repayment of the loan / advances or in the repayment of interest thereon or any of the agreed instalment of the loan on due date/s, the bank and / or the RBI will have an unqualified right to disclose or publish its name/s and its directors / partners / proprietors as defaulter in such manner and through such medium as the bank or RBI in their absolute discretion may think fit.

viii) The Borrower shall pay to the Bank the usual Bank charges, incidentals, commission and other outgoings as are required to be paid by the Borrower as a result of it availing of the said Credit Facility or other Bank transactions and which are debited to the account of the Borrower. These shall include reimbursement of expenses incurred by the Bank regarding guarantee, postage, telegram charges, fax charges, stamp duty charges etc.

(ix) The Borrower shall pay to the Bank all charges in connection with the protection, observance and enforcement of the security or otherwise as hereby created by the Borrower in favour of the Bank or otherwise available to the Bank and all other costs, charges and expenses including legal and professional costs on Attorney - client basis (whether or not these are recoverable or chargeable to the other side), pay, allowances, overtime to godown keepers, chowkidar / watchmen and the travelling allowances of inspectors, managers, godown keepers and other officers for the inspection, protection and preservation of the security.



(x) The Borrower agrees that if any amount as required to be paid by it is expressed in foreign currency, the Rupee equivalent would be determined at the prevailing rate of exchange on the date of payment of the amount.

2. In consideration of the aforesaid, the Borrower hereby hypothecates and charges in favour of the Bank by way of first charge as security for the due repayment of all the sums as specified in clause 1 above or otherwise due or payable hereunder:

(i) all stocks of goods such as raw materials, goods in process, finished and manufactured goods and other items of stock in trade and stores, spares, components, machinery, vehicles, furniture and fixtures and all other movable goods and properties of every description of the Borrower wherever situated whether at the Borrower's factories, places of business, residence (if applicable), godowns or in transit or in the custody of processors, warehouse agents or others or wherever else the same may be situated, lying or being including any such raw materials, articles or goods, stores, spares, components, stock in trade and all description of moveable property in the course of delivery to the Borrower; and

(ii) all of the Borrower's present and future book debts, outstanding moneys, bills receivable, claims, bills, contracts, securities, investments, cash, gold, silver, jewellery, rights and assets and rights relating to or in moveable properties of whatsoever nature to which the Borrower is entitled to during the continuance of this Agreement (all of which are mentioned in clause 2(i) above are more fully and particularly described in Schedule 2 hereto and hereinafter collectively referred to as "the said hypothecated articles").

The Borrower agrees that the Bank shall have the absolute right to decide whether or not it will accept as security for the purpose of the said Credit Facility any of the goods, book debts, bills, receivables, contracts, securities, investments, rights and assets, movables and other properties of the Borrower whether by way of first / second charge.

3. The Borrower hereby declares, covenants and agrees with the Bank as follows :

(i) that an account styled as **M/s Linga Agri Trading and Machinery Private Limited** shall be opened in the books of the Bank at its branch at **SME Chinniyampalayam, Coimbatore** or at any other branch of the Bank at the request of the Borrower with limit of Rs. **50,00,000.00**. The Borrower shall maintain such margin of security as is stipulated by the Bank from time to time. The Borrower shall not at any time operate or draw against the said account exceeding **75% of Stocks** (or such other percentage as the Bank may fix from time to time) of the cost or market value of the said hypothecated articles, whichever is lower. If and so often as the said margin shall fail to be maintained, the Borrower shall forthwith either hypothecate to the Bank further goods or tangible moveable property as approved by the Bank and being of sufficient value to make solvency or shall reduce the amount for the time being due

to the Bank by such cash payment into the said account so as to maintain the said margin;

(ii) that the Borrower shall duly and promptly repay the moneys advanced in the manner provided in Schedule 1 hereto and all the interest, charges, commissions, penal interest, out goings and other sums due and payable by the Borrower to the Bank;

(iii) that if the Borrower is a registered partnership firm or a society registered under the provisions of the Societies Registration Act, 1860 or the Cooperative Societies Act, _____ all the partners/members and their respective heirs, executors, administrators and assigns of the deceased partners or members shall be bound hereby and jointly and severally liable to repay the moneys advanced by the Bank notwithstanding any change in the constitution or style thereof and whether such firm consists of or be reduced to one individual at any time; it is further agreed that the partners or members agree to hold themselves liable as aforesaid on balance confirmation letters and/or letters of acknowledgement of debt and security signed by one or more of them and no partner or member shall be absolved from liability unless specifically released and agreed to by the Bank;

* - Here indicate aggregate/total limits.

(iv) that it shall not sell, release, compound or dispose off any of the said hypothecated articles without the express consent in writing of the Bank, except for such sales as required in the ordinary course of its business, but the Borrower shall on every such sale or on receipt of the documents or sale proceeds of such sale, deliver the documents or pay the net proceeds to the Bank towards reduction of the balance then due and owing on the said account, provided that the Borrower shall not be entitled to sell or dispose off or remove any of the said hypothecated articles even in the ordinary course of its business at prices lower than the cost prices of any item thereof;

(v) that the Borrower shall furnish to the Bank full particulars of all the assets of the Borrower and of the said hypothecated articles including any statements, accounts, reports, analysis, details and information and shall allow the Bank or its authorised agents, valuers, advisers, attorneys, other authorised persons, employees and representatives to take inspection of the said hypothecated articles or any of them and it shall be lawful for the Bank at any time and from time to time and at all times during the continuance of this security and at the expense of the Borrower in all respects to value the security, to take inventories thereof and to take possession thereof either temporarily or permanently or for such periods as the Bank think fit and to employ a person or persons or firm or company to inspect and evaluate on behalf of the Bank all or any of the said hypothecated articles and the Borrower shall pay to the Bank on demand the fees or other remuneration payable to any such person, firm or company and the costs, charges and expenses of and incidental to such valuation (the Bank's demand being conclusive) and in default, the Bank shall be at liberty to debit the

amount thereof to the said account; any such valuation accepted by the Bank shall be conclusive against the Borrower; the Bank shall not be liable to pay damages for under/over valuation of the said hypothecated articles;

If the said hypothecated articles are stored in third party godowns, the Borrower agrees to produce the original lease/rent agreements in respect thereof and the Borrower agrees to renew such agreements as and when required pursuant to the terms of the agreement;

The Borrower undertakes to obtain a certificate from such third party stating that it shall have no lien or right over the said hypothecated articles;

(vi) that the said hypothecated articles whether present or future, whether now belonging to the Borrower or which may be manufactured or acquired in the future are and shall be the absolute and unencumbered property of the Borrower with full and absolute power of disposition over all such goods including the right to hypothecate and /or create any charge thereon in any whatsoever manner and the Borrower undertakes not to deal with/ dispose of any part of the said hypothecated articles otherwise than in the ordinary course of business but the manner only in and to the extent stipulated herein;

(vii) That the Borrower shall furnish to the Bank periodically or as and when required by the Bank statement of accounts showing sales, purchases, receipts, and payments all other transactions and satisfy the Bank as to the correctness thereof and also expeditiously and at its own cost prepare and or obtain supply to the Bank any summary, analysis, details, documents, returns, certificates, information and other documents in relation to the said hypothecated articles as may be required by the Bank from time to time.

(viii) That the Borrower shall get the said hypothecated articles valued by a professional valuer as agreed to by the Bank for the purposes of declaration, statement, averment and submit the valuation report to the Bank as and when required by the latter Provided that the Borrower shall ensure that the valuation shall be on the basis of the lower of the acquisition cost or the market value of each item thereof;

(ix) that the borrower/s shall keep the said hypothecated articles insured against losses or damages by fire, floods, theft, burglary, riot, civil commotion and all such other risks as the Bank shall require for the full market value or book value thereof as the case maybe. The Borrower shall deliver the policies of insurance to the Bank and shall deliver the receipt for the last premium paid for every policy of insurance and shall assign to the Bank every such policy of insurance and hand over the renewal receipts thereof to the Bank and if the Bank for any reason insures or pays the premium, the Borrower undertakes to repay such amounts as paid by the Bank in respect of the insurance policies including any amount paid towards premium or otherwise; all

sums received under such insurance policies shall be applied in or towards liquidation of the amount for the time being due to the Bank hereunder; the Bank shall not be under any obligation to lodge any claim under the policies of insurance within the time limits as stipulated under the insurance policies; the Borrower shall follow the instructions of the Bank if any, in case of any renewals of the insurance policies or making of claims or receipt of insurance moneys;

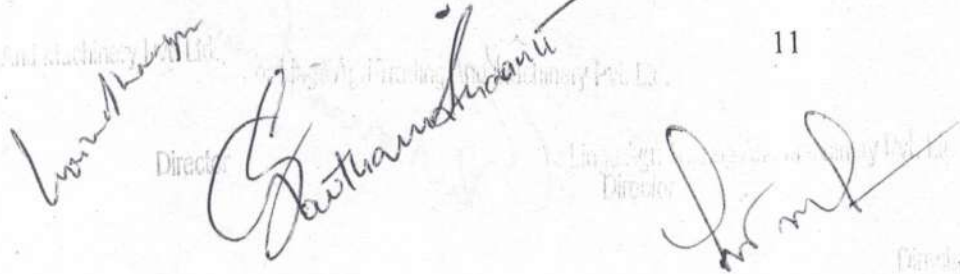
that the Borrower expressly undertakes that it shall take all steps like initiation of filing claims, furnishing necessary information to the Bank/ insurance company so as to claim and recover all sums recoverable under the policy to the satisfaction of the Bank and keep the Bank informed from time to time about any such claims filed in that regard;

that the Borrower agrees that the Bank shall be entitled to adjust, settle and compromise in any manner whatsoever including by reference to arbitration at the Borrower's cost any dispute arising under or in connection with any such policy of insurance and such adjustment, settlement, compromise and any award made or decision given in any such arbitration award shall be valid and binding on the Borrower and the Bank shall be entitled to receive all monies there under and to issue a valid receipt there for and that the amounts so received shall be credited to the said account of the Borrower in respect of the said Credit Facility and that the Borrower will not raise any question that a larger sum might or ought to have been received or be entitled to raise any dispute on the balance in the account in respect of the said Credit Facility;

(x) that the Bank shall not be under any obligation to lodge any claim under the policy within the time limit as prescribed under the policy of insurance and the Bank shall not be liable to the Borrower for not filing any claim or suit for recovery of the insured amount against the insurance company or any other person, the obligation to do so shall be the sole responsibility of the Borrower;

that the Borrower shall cause a board or label with the name of the Bank legibly and distinctly written, printed or painted thereon to be placed and at all times properly maintained and displayed in a conspicuous position upon and within all factories, places of business, go downs or other places of storage into or upon which any of the said hypothecated articles for the time being are stored or lying; if the Bank pays any sums towards the placement or maintenance of these boards or labels, the Borrower undertakes to reimburse the Bank in respect thereof;

(xi) that the Borrower shall, if it is a company, register with the concerned Registrar of Companies pursuant to the laws relating thereto the particulars of the charge created hereunder and undertakes to file the necessary particulars in respect of the modification or satisfaction of the charge created hereunder;


Director Director Director

(xii) that if the Borrower fails to pay on demand any moneys which ought to be paid by it hereunder or shall commit any breach of any obligation on its part or in case of the Borrower being a registered firm in case of any of the contained or if it appears to the Bank that false or misleading information in any material particular was given in the application made by the Borrower or otherwise which in the judgement of the Bank is likely to prejudice or imperil this security or recovery of its dues hereunder or if any distress or execution or attachment or other similar process being sued, levied or enforced against any property or assets whatsoever of the Borrower or in the event of any insolvency petition being filed by or against the Borrower or an order being made or if such Receiver is appointed or if any person, firm or company applies for or obtain an order for the winding up of the Borrower or if any such order is made or if any resolution for winding up is passed or if the Borrower suspends or cease to carry on business or fails to conduct its business to the satisfaction of the Bank or appear to be unable to pay its debts as they become due, then and in any such case and without any notice, the Bank or RBI / the Agency shall be entitled to enter into or upon any place or premises where or wherein any of the said hypothecated articles may be or are likely to be situated, kept or stored and to inspect, evaluate, insure, take or cause to be taken charge of or seize or possess all or any of said hypothecated articles or the books of accounts, papers, documents and vouchers and other records relating to the said hypothecated articles either forthwith or at any time and to sell and/or dispose off all or any of the said hypothecated articles forthwith or from time to time in such manner as the Bank or RBI/ the Agency shall think fit with or without any notice to the Borrower and either by public auction or private contract or tender and to enforce, realize, settle, compromise and deal with any rights aforesaid without being bound to exercise any of these powers or being liable for any losses in the exercise or non-exercise thereof and without prejudice to the Bank's or RBI/ the Agency rights and remedies of suit or otherwise and notwithstanding that there may be any pending suit or other legal proceedings; the Bank shall adjust the proceeds of such sale of the said hypothecated articles against all or any sum due and outstanding from the Borrower to the Bank pursuant to the said Credit Facility;

(xiii) that the Borrower shall punctually pay all rents, rates, taxes, expenses and other outgoings of the godowns and other premises in or upon which the said hypothecated articles may for the time being be lying and stored and produce the rent receipts when required to do so by the Bank;

(xiv) that the Borrower shall maintain proper books of account of its business and carefully keep and preserve all documents, certificates, papers and vouchers in connection with the said hypothecated articles and submit for inspection thereof to the Bank or its authorised persons, attorneys, employees or agents;

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(xv) that it shall maintain at its cost the said hypothecated articles in good and marketable condition and service or replace worn out parts as are required in the ordinary course of business to which they relate;

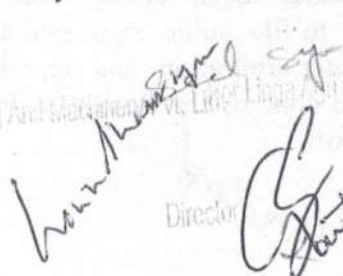
(xvi) that it shall not remove or dismantle any of the said hypothecated articles without the consent in writing of the Bank except where required only in the ordinary course of business in order solely to replace any worn out, obsolete, discarded, damaged or broken part of the said hypothecated articles;

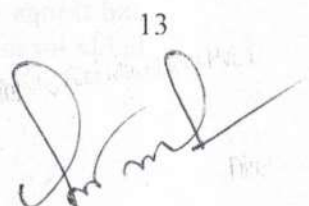
(xvii) that it shall not deal with any other bank, institution without the prior written consent of the Bank; that it shall undertake not to make any loan or give any financial guarantee/other guarantees or provide any security of the assets of the company to any other company/ies or any other person/s without the prior written permission of the Bank.

(xviii) that it shall give immediate possession to the Bank on demand of all or any items of the said hypothecated articles the right, title or interest to the said hypothecated articles including extracts from the relevant books of account, registers, invoices, bills, vouchers, contracts, securities or such other documents as the Bank or its authorized persons may deem fit; the documents of title as furnished by the Borrower to the Bank shall act as conclusive proof of the Borrower's title;

(xix) that it shall give all necessary information of supplier's/ purchaser's name, nature of goods, quantity of goods, actual price of goods supplied purchased and other related information as required by the Bank;

(xx) that it shall provide full particulars of the entitlement against which the financial facility is sought and in respect of which the Borrower has been granted Packing Credit facility and further the Borrower hereby agrees to pay interest at the rate of ___% compounded quarterly (concessional rate of interest) for the concessional period of ___ days or at such rate or rates and for such period or periods as prescribed by the RBI / the Bank from time to time and intimated to the Borrower against acknowledgement. In case the loans granted against such entitlement is not repaid within the period specified above, the Borrower shall pay interest at ___% p.a compounded quarterly or at such other rates as prescribed by the RBI/the Bank from time to time for the period of loan remaining outstanding exceeding the concessional period till the date of full repayment of the loan, interest and other charges as specified above. In case the Borrower is not eligible for the entitlement declared (either partially or fully) against which the Packing Credit has been granted, it shall repay the advance granted in full with interest on the said advance, for the entire period of the advance, at the rates normally charged by the Bank on its overdraft/ cash credit advances at ___% p.a. compounded quarterly or at such rates as may be specified by the RBI /the Bank from time to time ;


Director

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Director

(xxi) that the said hypothecated articles and all documents of title thereto and sale proceeds thereof shall be the exclusive proof of the Bank and any sale or disposition of the said hypothecated articles except that the Borrower may undertake in respect thereof shall be only in the ordinary course of business as mentioned hereinabove shall be held as the exclusive property of the Bank and deposited in the said account of the Borrower with the Bank;

(xxii) that it shall use the amounts received under the said Credit Facility only for the purpose for which stated in the said application to the Bank and that the Borrower is prohibited from using and shall not use the amounts received for any other purpose; further it is agreed that if the Borrower is found to have violated this condition, the Bank shall have the right to recall the entire amount sanctioned or any part thereof at once or charge penal / additional interest at such rates as may be specified notwithstanding anything to the contrary contained in this or in any other document and without prejudice to the Bank's other rights to legal recourse as provided hereinafter ;

(xxiii) that the Bank may exercise at its absolute discretion the right of set off/lien and appropriation of the security for any other amounts due and payable to the Bank by the Borrower in respect of any other facility availed of by the Borrower from the Bank;

(xxiv) that the Borrower further agrees that in consideration of the Bank providing the said Credit Facility, other collateral facilities, co-accepting / agreeing to co-accept the bills / issuing a DP Guarantee / agreeing to issue a DP Guarantee / guaranteeing due repayment of installments and other liabilities such as incidental expenses, commissions, expenses, charges, costs and such other outgoings as incurred by the Bank on their respective due dates without default. The Borrower further agrees that it shall keep the Bank Indemnified in respect of any claim / loss whatsoever in this regard and keep it safe and saved from and against all actions, Proceedings, claims, demands, losses, damages, costs (between Attorney and client), charges and expenses whatsoever that may be brought or made against or sustained or incurred by the Bank as a consequence of the Bank granting the said Credit Facility, other collateral facilities, co-accepting the bills / issuing DP guarantee / Agreeing to issue a DP guarantee / guaranteeing due repayment of Installments and other liabilities such as incidental expenses, Commissions, expenses, charges, costs and other outgoing as required to be incurred by the Bank on behalf of the Borrower.

(xxv) that it hereby appoints the Bank as its agent or attorney in its name and on its behalf to demand, sue for, receive and recover and give effectual discharges for all or any of the book debts or other debts, claims etc. hereby hypothecated by the Borrower and for that purpose to file suits, sign plaints, make affidavits, employ solicitors and advocates and to refer arbitration and to do all such acts deeds matters and things as could have been done by the Borrower in the matter without being liable for any loss in respect thereof;

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(xxvi) that it agrees to comply with any other terms and conditions and any changes in the terms and conditions whether form part of this Agreement or otherwise expressed as Bank may stipulate at any time depending on the policy of the Bank, RBI or any other governmental authority;

(xxvii) that if the Borrower hypothecates to the Bank any movable machinery, vehicles and /or other goods with the approval of the Bank as security, the details of the security shall be entered in Part A, B or Part C of Schedule 2 hereto and the details of any further collateral security provided by the Borrower shall be entered in a separate Addendum to be executed by the parties hereto. It is further agreed that any of the primary securities hypothecated by the Borrower shall not be prejudiced by any collateral security provided;

(xxviii) that if the Bank extends any monetary reliefs / concessions to the Borrower by way of the said Credit Facility in order to assist in rehabilitation of the Borrower becoming sick, the Bank shall have the right of recompense of any such monetary assistance made by it; further this right of recompense shall accrue to the Bank once the unit of the Borrower becomes healthy and its rehabilitation is complete and such recovery shall be made in a phased manner from the Borrower's future profits/ cash accruals;

(xxix) that if the Bank is required to furnish information to ECGC or any other authority whenever the Bank is called upon to do so or pay any premium or other sum as required by ECGC, the Bank may debit the account of the Borrower to the extent of the sums expended;

(xxx) that the Borrower undertakes to produce export licences or quota certificates and their renewals thereof which entitle the Borrower to export goods whenever called upon to do so by the Bank;

(xxxi) that the Borrower undertakes not to pay any guarantee commission /fee to the Directors for extending personal guarantee.

(xxxii) (a) that the Borrower shall from time to time on demand by the Bank furnish to the Bank a list of all the book debts and other debts and the debtors and produce to the Bank its books of account and other documents to enable the Bank to ascertain the book debts and other debts from time to time and the Borrower shall whenever required produce all evidence in support thereof;

(b) that the Borrower shall execute on demand by the Bank such further documents as may be required by the Bank to vest the book debts and other debts in favour of the Bank and to render the same readily realisable or transferable by the Bank at any time;

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- A signature in the center, possibly "Sachin".
- A signature on the right, possibly "Sachin".
- A signature at the bottom right, possibly "Sachin".

(c) that the Borrower declares that the book debts and other debts shall always be the Bank's absolute property at its sole disposal and free from any prior charge or encumbrance;

(d) that the Borrower shall not compound or release any of the book debts or other debts nor do anything whereby the recovery of the same may be impeded, delayed or prevented without the consent of the Bank and further shall keep proper books of accounts of its business and all vouchers, papers and documents relating thereto for the inspection of the Bank and any of its authorised persons and allow free access to them without demur;

(e) that the Borrower shall give notices to debtors and transfer and deliver to the Bank all the relative documents, securities and papers thereto in case of any default of the Borrower in payment of the money hereby secured or in the performance of the covenants hereby agreed to be performed;

(f) That on any default of the Borrower/s in payment on demand of any money hereby secured or the performance of any obligation or terms and conditions to the Bank under this agreement or any of the terms and conditions contained in the borrower's request for financial facilities or under any other security or the occurrence of any circumstances in the opinion of the Bank prejudicing or endangering this or any other security, the Bank shall be entitled at the Borrower's risk and expenses to take possession and / or appoint receivers for said debts under this security, give notices and demand from Borrower/s and / or third parties liable therefor, to demand to recover receive and give receipts and discharges for the same and sell or realise by public auction or by any private contract.

(g) The Borrower/s has /have further agreed to get the relevant book debts account duly audited by a competent Auditor at his/their cost absolutely and submit the Auditors Certificate in proforma prescribed by the Bank; and

(h) The Borrower further agree that he shall not draw any amount against the book debts which is likely to be unrealised or doubtful or debts which are outstanding more than _____ or advances money paid by him/it for the supply of goods/materials.

(xxxiii) that if the said hypothecated articles are machinery, tools and accessories already purchased and as specified in Schedule 2 here to as also the machinery to be purchased and which is subsequently erected at the premises of the Borrower as security for the repayment of the amounts advanced by the Bank to the Borrower, the Borrower shall ensure that :

(a) the title to the machinery vests in the Borrower absolutely and that the machinery is in good, marketable condition and free of any encumbrance and that the Borrower will do all such acts deeds and things necessary for more perfectly

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assuring its title thereto and for more effectively implementing the terms of this Agreement;

(b) the machinery will be maintained in good order and condition and serviced timely and all worn out parts of the machinery would be replaced from time to time;

(c) the machinery would not be also allowed to depreciate to beyond the normal wear and tear that is permissible in relation to the machinery hypothecated;

(d) that the permits and licences required to be obtained in respect of the hypothecated machinery shall be obtained and renewed from time to time;

(xxxiv) that if the said hypothecated articles are vehicles, the Borrower shall ensure that:

(a) the name of the Bank inserted as the charge holder in the records of the concerned Regional Transport Office of the state in which the vehicles are registered;

(b) the title to the vehicles shall vest with the Borrower absolutely and that the same is maintained in good, marketable condition, free of encumbrances and that the Borrower will do all such acts deeds matters and things necessary for more perfectly assuring its title to the vehicles;

(c) that the Borrower will maintain the hypothecated vehicles in good order and condition, serviced and worn out parts replaced;

(d) that the hypothecated vehicles will not suffer depreciation beyond the normal extent of wear and tear; and

(e) that the permits and licences required to be obtained in respect of the hypothecated vehicles shall be obtained and renewed from time to time;

(xxxv) that the Borrower shall be bound by any assignments of the benefits of this Agreement by the Bank or any other bank or institution or person and the Borrower shall do such necessary acts deeds and required fothings as are the purpose of effectuating the assignment contemplated by the Bank; and

(xxxvi) that the Borrower shall give adequate notice to the Bank in the event of the Borrower making a request to the Bank for transfer of the said Credit Facility to another branch of the Bank; in such an event, the Bank shall be entitled to enforce payment hereunder or in relation thereto at the original place and /or the branch to which the limit is transferred.

4. The security hereby created and all other movable properties of any description including any money, actionable claims, insurance claims, bullions, deposits, receipts for money, promissory notes, bills, goods, merchandise bills of lading and other documents of every description, including hire purchase agreements or lease agreements and other documents evidencing title of the Borrower whether singly or jointly and severally with others, whether in India or outside India coming into the hands of the Bank in the normal course of business shall be a continuing security for the balance from time to time due by the Borrower to the Bank on the said account and also for the general balance of all and any accounts as determined by the Bank at its sole discretion inclusive of amounts due under any outstanding bill purchased or discounted or negotiated whether under letters of credit or those returned unpaid and dishonoured and held by the Bank or debited to the account of the Borrower along with interest, additional interest and other charges and expenses; further the said account shall not be considered as closed for the purposes of this security and the security not to be considered exhausted by reason of the said account being brought to credit at any time or from time to time or it being drawn upon to the full extent and afterwards brought to credit and that the charge of the Bank on the said hypothecated articles shall continue unaffected until the said Credit Facility is terminated and all moneys due hereunder are repaid in full.

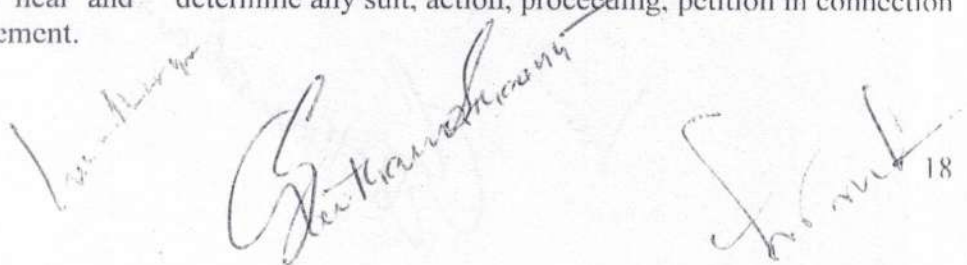
The Borrower further agrees that the security shall be continuing security for the balance due to the Bank from time to time under the said account and the liability of the Borrower shall not be affected by the winding up, merger or amalgamation, reconstruction or otherwise of the Borrower with any other company.

Nothing herein contained shall prejudice any other security present or future or any right or remedy of the Bank for the recovery of the amounts due by the Borrower to the Bank on any account whatsoever.

5. The Borrower agrees that it shall comply with any other terms and conditions and/or any changes in the terms and conditions whether forming part of this Agreement or otherwise expressed in any other document or in parol that the Bank may stipulate at any time from time to time, without providing the Borrower any specific notice in respect thereof.

6. Any notice required to be given to the Borrower by the Bank given by fax or by leaving the same at or posting the same by registered post at the addresses mentioned aforesaid shall be deemed to have been served on the borrower in due course.

7. This Agreement shall be governed by the laws of India and the Courts of **Coimbatore** (this will depend on where the Agreement is executed) shall have jurisdiction to hear and determine any suit, action, proceeding, petition in connection with this Agreement.

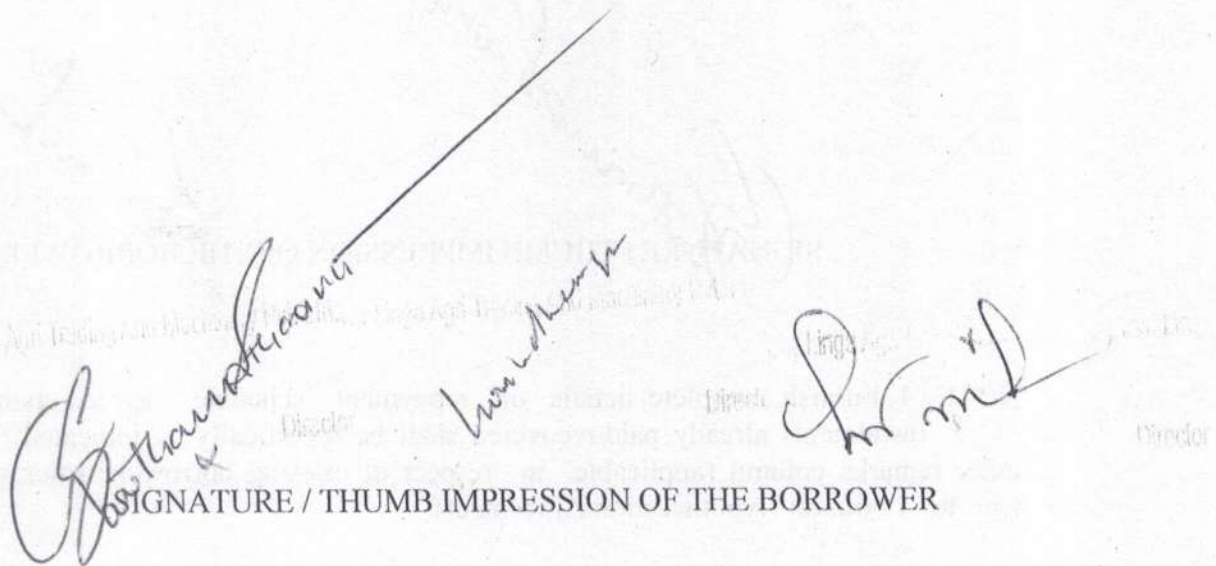


8. In the event that any dispute arising in connection with this Agreement cannot be settled mutually through negotiations, the subject matter of dispute shall be submitted to one Arbitrator. If the parties cannot agree upon a single arbitrator, there shall be three arbitrators, one appointed by each party and a third selected by the two arbitrators so appointed. All pertinent evidence on the subject matter in dispute shall be made available to the arbitrator or arbitrators and each party shall have the right to present both orally and in writing its arguments and views on the dispute.

The decision of the arbitrator or the majority of the arbitrators shall be rendered in writing and shall be binding upon the parties. The costs, charges and expenses of the arbitration shall be discretion of the arbitrator or arbitrators. Such arbitration shall be held in Coimbatore and shall be conducted in English language and according to the provisions of the Arbitration and Conciliation Act, 1996.

9. The parties do hereby agree that the rate of interest in the case of arbitration from the date of award till realisation shall be at the rates at which they have been agreed to by the parties hereto.

*

The block contains several handwritten signatures in black ink. One signature is large and prominent on the left, while others are smaller and more scattered towards the right. The signatures appear to be of legal or official nature.

SIGNATURE / THUMB IMPRESSION OF THE BORROWER

JANET

Digitally signed by JANET
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pseudonym=f4e8076504f4493fa24e76ef3b
c9d673,
2.5.4.20=8a3c28a15dea77bdea46d5d09d91
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postalCode=641042, st=Tamil Nadu,
serialNumber=f4aceda0fc52d579ca810321
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SCHEDULE 1

(here specify the repayment schedule, if the loan is repaid in instalments)

(Rs. in lakhs)

Due date/s of the instalment	Amount of the instalment	REMARKS
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SIGNATURE / THUMB IMPRESSION OF THE BORROWER

NOTE : 1. Furnish complete details of repayment schedule agreed upon.

2. Instalments already paid/recovered shall be specifically indicated /informed under remarks column (applicable in respect of existing borrower/parties switching over to Common Hypothecation Agreement).

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SCHEDULE 2

(Description of the assets hypothecated)

PART - A : Machinaries /Equipments / Accessories

Sl. No.	Description of the machinery	Value
---------	------------------------------	-------

Signature /thumb impression of the Borrower

PART -B : Vehicles (including accessories and implements)

Sl. No.	Description of the vehicle	Value
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Signature /thumb impression of the Borrower

Part - C : Details of Other goods (like, Stock in trade, Raw Materials, Finished Goods, All other goods other than those specified in A and B above including Book Debt)

Sl. No.	Brief description & location of the Goods/security.	Value
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Primary Security for Working Capital :

Sl. No	Description of Property	Basis of valuation	Value in lacs
1	Hypothecation of stock of raw materials, WIP and finished goods and book debts arising out of genuine Trade transaction	Stock Statement	84.25

Signature / thumb impression of the Borrower

Collateral security

Sl. No	Description of Property	Basis	Value
1	CGTMSE		

Signature /thumb impression of the Borrower

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SCHEDULE 3

(To be executed by the Borrower in respect of hypothecation of machinery/ vehicle)

(Additional Terms & Conditions)

The Borrower agrees and undertakes to comply with and be bound by the following further terms, conditions, obligations and stipulations in addition to the terms, conditions, obligations and stipulations contained in the Hypothecation Agreement of which this Schedule 3 is an integral part

1. The hypothecated goods/securities described in clause 2 of the Hypothecation Agreement as also Schedule 2 to the Agreement shall include at all times all fittings, fixtures, tools, accessories, implements all parts and legal incidents whatsoever pertaining to the said hypothecated goods/securities and all replacement of and additions made to such goods/securities from time to time.

2. Before the Bank allows disbursement of the sanctioned amount, in the aforesaid manner, the Borrower shall deposit a sum of Rs. _____ with the Bank as margin and/or any other amount as may be required by the Bank in order to enable the Bank to make payment(s) to the dealers/suppliers/manufacturers of the various items or to make payment to the Borrower enabling it to utilise the loan amount or facility in accordance with the terms of this Agreement.

3. The Bank may advance the aforesaid loan in a lumpsum or in stages as the Bank may decide or according to the requirements of funds by the Borrower by debiting the amount to the account(s) of the Borrower from time to time within the maximum period stipulated/to be stipulated by the Bank in the sanction(s) relating to the loan or otherwise and the Borrower shall without the Bank having to call upon the Borrower, duly confirm all debit note/slips raised by the Bank on such account(s). In case at the request of Borrower the Bank makes any payment from the account(s) of the Borrower to the supplier /dealer/manufacturers of the various items specified in the Schedule or otherwise, the Borrower shall be fully responsible for taking delivery as also inspecting and satisfying itself of the quality or condition or working order etc., of such items as aforesaid and the Bank shall have no responsibility whatsoever in this regard. The Borrower shall be responsible to the Bank to pay the principal, interest and other charges on the due dates and in terms of this Agreement whether the aforesaid items are actually delivered to the Borrower or not.

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4. That in respect of vehicle(s) and/or accessories, implements, tools, etc., forming part thereof the Borrower shall produce to the Bank original invoices/stamped receipts and/or other documents of title as may be required by the Bank and the Borrower agrees and consents that on the basis of such documents so produced the Bank shall have the right as attorneys to make the necessary entry(ies) in Schedule 2 hereto for and on behalf of the Borrower and such act of the Bank shall be fully binding on the Borrower.

5. That without the written consent of the Bank, the Borrower shall not do or perform the following acts, deeds or things –

a) Undertake any expansion/modernisation/diversification programme/new line of business or manufacture other than incurring routine capital expenditure.

b) Invest any funds by way of deposits or loan or in share capital of any other concern (including subsidiaries) so long as any money is due to the Bank; the Borrower will, however, be free to deposit funds by way of security, with third parties, in normal course of business;

c) Change or alter in any manner its capital structure;

d) Revalue its fixed assets;

e) Change the accounting policies in regard to stock valuation, depreciation of fixed assets, payment of dividends etc.;

f) Effect any scheme of amalgamation/reconstruction;

g) Declare dividend or distribute profits if any instalment(s) of principal and/or interest remains unpaid in respect of the aforesaid loan and/or in arrear for a period of three months or more;

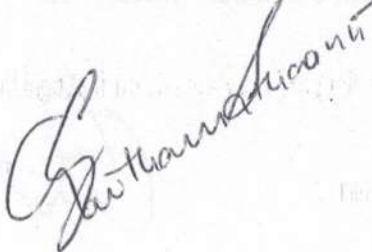
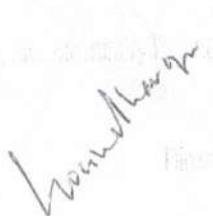
h) Withdraw or allow to be withdrawn any monies brought in as loans, deposits, capital etc., by its proprietors, directors, partners, relatives and friends of proprietors/partners/promoters or directors;

i) Enter into any hire purchase or lease arrangement during the currency of the loan;

j) Undertake guarantee obligations on behalf of any partner/director/proprietor/third party.

6. Default Clause

Notwithstanding anything contained herein or in the Hypothecation Agreement, the Borrower agrees that the whole advance shall become forthwith due and payable on demand by the Bank and further that at any time the Bank will be entitled to enforce its security upon the happening of any of the following events :



- a) any instalment or the principal monies being unpaid on the due date ;
- b) any interest remaining unpaid and in arrears for a period of three months after the same shall have become due whether demanded or not;

c) a breach of default in the performance or observance of any provision of these presents and/or the security documents or other documents, undertakings, assurances or commitments and / or any other terms or conditions relating to the advance and / or compliance of any other instructions / directions of the Bank relating to the facility(ies) allowed under these presents On the question whether any of the above event(s) have happened, the decision of the Bank shall be conclusive and binding on the Borrower.

Provided that the Bank may at its discretion refrain from forthwith enforcing its rights under this security despite of the happening of any of the contingencies aforesaid, in which event the Bank reserves the right to charge additional rate of interest on the entire loan/defaulted instalment(s) at its discretion.

7. Repayment Schedule

The Borrower shall observe and comply with the repayment schedule as specified in Schedule 1 hereto.

(NOTE : In the case of DPG loans, details of instalments and due dates thereon to be specifically stated).

8. The Borrower shall make all earnest and best endeavours and maintain sound financial position and profitability of operations and in particular maintain and/or comply with such stipulations as the Bank may require from time to time, and until then, the following :

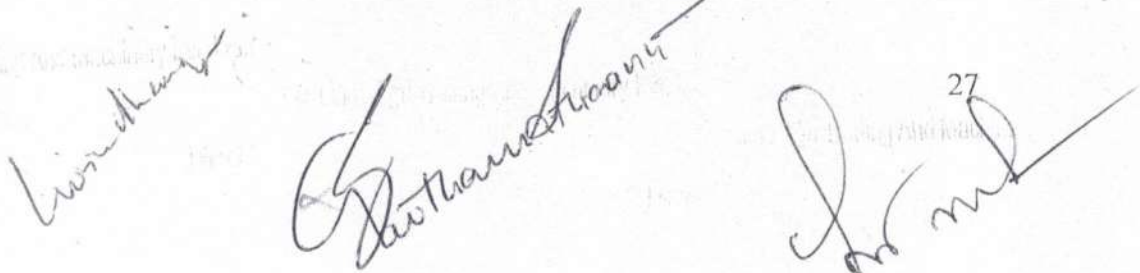
- a) a minimum net working capital as may be prescribed by the Bank from time to time
- b) a minimum current ratio as may be prescribed by the Bank from time to time; and
- c) a tangible net worth to total outside liability ratio not exceeding the level as may be prescribed by the Bank from time to time during the currency of Bank's loan/advance.

9. The Borrower shall not without the Bank's prior permission in writing make any changes in the management including key-personnel such as chief operating officer managing director, wholetime directors, executive directors, finance director, technical director etc.

[Handwritten signatures and initials]

10. The Borrower shall not without the Bank's prior permission in writing make any changes in the memorandum/articles of association, partnership deed and, in general, their constitution.
11. The Borrower agrees and confirms that in the event the Bank obtains refinance against any facilities made available to the Borrower(s) at any time, they shall comply with any additional terms and conditions stipulated by the refinance agency.
12. The Bank reserves, the right at its absolute discretion, at any time it deems fit to appoint a nominee director on the Board of the Borrower on such terms and conditions as it may deem fit and the Borrower agree and accept to immediately make all necessary arrangements and complete all necessary formalities whether legal or otherwise to enable him to act as such.
13. I/We agree to pay pre payment penalty of 2 %, if the liability under term loan is pre closed/fore closed by taking over of term loan liability by other Banks/Financial institutions.
14. I/We, understand that as a precondition relating to grant of the loans / advances / other non-fund based credit facilities to me/us, Canara Bank requires my/our consent for the disclosure by the Bank All information and data relating to me/us, including default, if any, committed by me/us but not limited to History and Ownership status, details of security etc., pertaining to the credit facility availed, to any Bank*/Banks/Fis who are lenders under this Consortium/Multiple Banking Arrangement * Banks/Fis who may join as lenders under this agreement in future. (* Strike out whichever is not applicable)

Accordingly, I/We hereby agree, confirm and give consent for disclosure by Canara Bank all or any such information and data relating to me/us including default, if any committed by me/us, but not limited to history and ownership status, details of security etc., pertaining to the credit facility availed to any Bank* /Banks / FIs who are lenders under this Consortium/ Multiple Banking Arrangement */Banks/FIS who may join as lenders under this agreement in future (Strike out whichever is not applicable) as Canara Bank may deem appropriate and necessary. Further Canara Bank shall also be entitled to disclose information etc., as stated above may be made / released / in any form (including electronic, media) with such details (including Photographs as may be deemed fit by Canara Bank.



Further, we hereby undertake and confirm that I/We shall not raise any dispute in whatsoever manner regarding the disclosure of information / data as aforesaid by Canara Bank to any Bank*/Banks/FIS who are lenders under this consortium / Multiple Banking Arrangement /Banks/Fis who may join as enders under this arrangement in future

(*Strike out whichever is not applicable)

(Applicable in case of Consortium/Multiple Banking Arrangement)

Signature/ thumb impression of Borrower

Signature/Thumb impression
of the Borrower verified by
the Branch officials.

Signature of the Branch
official with seal.

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SCHEDULE 4

DETAILS OF THE SAID CREDIT FACILITIES

(Amount in lakhs)

Nature of the facility	Existing/New Limits	Modified/Enhanced Limits(*)	Liability (**)
OCC/ODBD			
Overdraft-SOD		50.00	
Term Loan - GECL			
Co-acceptance			
DAIC			
DPG			
Guarantee			
Packing Credit			
FDB			
FBE			
Term Loan			

Any other loan facilities

* (hereinafter referred to as "the said Credit Facility").

* NOTE : (*) This is applicable only when modification/ enhancement of the limit is done. Here indicate the limit including the present enhancement/ modification.

(**) In the case of existing borrowers for switch over / modification etc.

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SCHEDULE V

DETAILS OF RATE OF INTEREST

NATURE OF LIMIT	AMOUNT	LIABILITY	RATE OF INTEREST
SOD	Rs 50.00 lacs		(6.90+2.25)9.15%

IN WITNESS THEREOF the borrower has caused the execution of this agreement the day and year herein above written.

SIGNED AND DELIVERED BY the within named "Borrower" Shri/Smt _____ being the proprietor of M/s _____ a proprietorship firm

THE COMMON SEAL of the withinname "Borrower" **M/s Linga Agri Trading and Machinery Private Limited** pursuant to a resolution of the Board of Directors of the Borrower passed in that behalf on the _____ day of _____ 200 _____ hereunto affixed in the presence of Shri _____ and Shri _____

SIGNED AND DELIVERED by _____ being all the partners of _____ a partnership firm registered under the provisions of the Indian Partnership Act, 1932 or

SIGNED AND DELIVERED by Mr. _____) Karta of the joint Hindu Family

SIGNED AND DELIVERED by Mr. _____ Being the trustee of _____ Society.

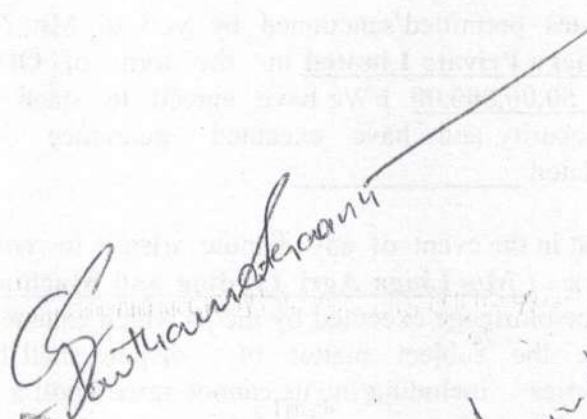
[Handwritten signatures and stamps]

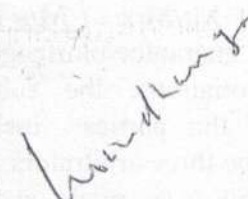
ADDENDUM TO COMMON HYPOTHECATION AGREEMENT DATED

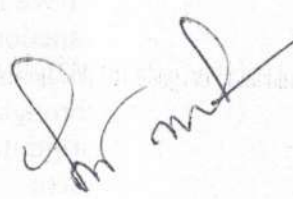
Details of the collateral security subsequently obtained from the Borrower

(This is to be obtained when collateral securities are obtained after the date of loan agreement)

Sl. No.	Type/Nature of Security	Description	Value	Nature of Charge
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Signature/ Thumb impression
of the Borrower





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Date: 2023.05.16 11:00:04 +05'30'

ANNEXURE III

From :
Mr Gowtham Sithaarth
S/o Govindaraj
46, KPN Colony Ist Street
Tiruppur 641601

To :
The Senior Manager
Canara Bank
SME Chinniyampalayam Coimbatore

Dear Sir,

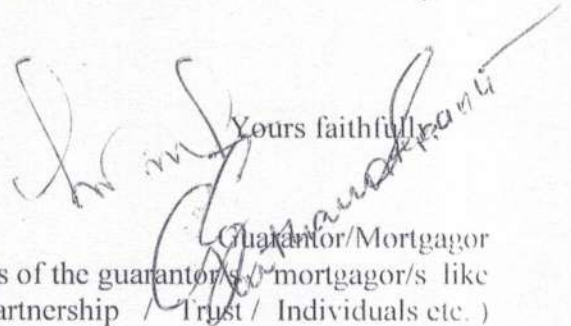
SUB : Submitting to Arbitration

For the credit facilities permitted/sanctioned by you to Mr. /Mrs/ M/s Linga Agri Trading and Machinery Private Limited in the form of OD/OCC/PC/LC/WCDI, etc., amounting to Rs. 50,00,000.00. I/We have agreed to stand as guarantor/s /offer my/our property as security and have executed guarantee deed/agreement dated /executed L&D/D dated _____

I/We hereby state that in the event of any dispute arising in connection with the loan sanctioned to Mr/Mrs. / M/s Linga Agri Trading and Machinery Private Limited including the guarantee/mortgage executed by me/us which cannot be settled mutually through negotiations, the subject matter of dispute shall be submitted to an arbitrator. If the parties including me/us cannot agree upon a single arbitrator, then there shall be three arbitrators, one appointed by each party and a third selected by the two arbitrators so made available to the arbitrator/s and each party shall have the right to present both orally and in writing its arguments and views on the dispute. The decision of the arbitrator or the majority of the arbitrators shall be rendered in writing and shall be binding upon the parties to the Arbitration. The costs, charges and expenses of the arbitration shall be at the discretion of the arbitrator/s. Such arbitration shall be held at and shall be conducted in English language and according to the provisions of the Arbitration and Conciliation Act, 1996. I/We further agree that in the event of arbitration, the rate of interest on the award amount from the date of award till date of realisation shall be at the contractual rate as agreed to by the borrower/s.

Place : Chinniyampalayam

Date : 12.10.20


Yours faithfully
Guarantor/Mortgagor

* (Here write the full name/s and address/es of the guarantor/s /mortgagor/s like Company / Partnership / Trust / Individuals etc.)

JANET

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Date: 2023.05.16 11:00:26 +05'30'

ANNEXURE III

From :
Mr Govindaraj S
S/o Samynathan
46, KPN Colony Ist Street
Tiruppur 641601

To :
The Senior Manager
Canara Bank
SMI, Chinniyampalayam Coimbatore

Dear Sir,

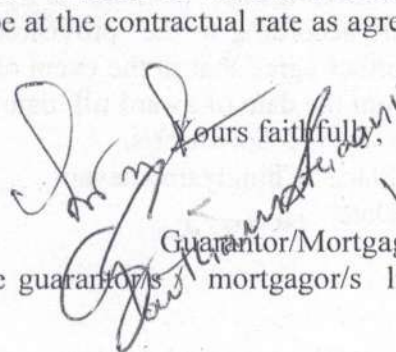
SUB : Submitting to Arbitration

For the credit facilities permitted/sanctioned by you to Mr. /Mrs/ M/s Linga Agri Trading and Machinery Private Limited in the form of OD/OCC/PC/LC/WCDL etc., amounting to Rs. 50,00,000.00. I/We have agreed to stand as guarantor/s /offer my/our property as security and have executed guarantee deed/agreement dated /executed LEDTD dated _____

I/We hereby state that in the event of any dispute arising in connection with the loan sanctioned to Mr/Mrs. / M/s Linga Agri Trading and Machinery Private Limited including the guarantee/mortgage executed by me/us which cannot be settled mutually through negotiations, the subject matter of dispute shall be submitted to an arbitrator. If the parties including me/us cannot agree upon a single arbitrator, then there shall be three arbitrators, one appointed by each party and a third selected by the two arbitrators so made available to the arbitrator/s and each party shall have the right to present both orally and in writing its arguments and views on the dispute. The decision of the arbitrator or the majority of the arbitrators shall be rendered in writing and shall be binding upon the parties to the Arbitration. The costs, charges and expenses of the arbitration shall be at the discretion of the arbitrator/s. Such arbitration shall be held at and shall be conducted in English language and according to the provisions of the Arbitration and Conciliation Act, 1996. I/We further agree that in the event of arbitration, the rate of interest on the award amount from the date of award till date of realisation shall be at the contractual rate as agreed to by the borrower/s.

Place : Chinniyampalayam

Date : 12.10.20


Yours faithfully,
Guarantor/Mortgagor

* (Here write the full name/s and address/es of the guarantor/s / mortgagor/s like Company / Partnership / Trust / Individuals etc.)

ANNEXURE III

From :

Mr Vignesh K G

S/o Govindaraj

46, KPN Colony Ist Street

Tiruppur 641601

To :

The Senior Manager

Canara Bank

SME Chinniyampalayam Coimbatore

Dear Sir,

SUB : Submitting to Arbitration

For the credit facilities permitted/sanctioned by you to Mr. /Mrs/ M/s Linga Agri Trading and Machinery Private Limited in the form of OD/OCC/PC/LC/WCDI. etc., amounting to Rs. 50,00,000.00. I/We have agreed to stand as guarantor/s /offer my/our property as security and have executed guarantee deed/agreement dated /executed LEDTD dated _____

I/We hereby state that in the event of any dispute arising in connection with the loan sanctioned to Mr/Mrs. / M/s Linga Agri Trading and Machinery Private Limited including the guarantee/mortgage executed by me/us which cannot be settled mutually through negotiations, the subject matter of dispute shall be submitted to an arbitrator. If the parties including me/us cannot agree upon a single arbitrator, then there shall be three arbitrators, one appointed by each party and a third selected by the two arbitrators so made available to the arbitrator/s and each party shall have the right to present both orally and in writing its arguments and views on the dispute. The decision of the arbitrator or the majority of the arbitrators shall be rendered in writing and shall be binding upon the parties to the Arbitration. The costs, charges and expenses of the arbitration shall be at the discretion of the arbitrator/s. Such arbitration shall be held at and shall be conducted in English language and according to the provisions of the Arbitration and Conciliation Act, 1996. I/We further agree that in the event of arbitration, the rate of interest on the award amount from the date of award till date of realisation shall be at the contractual rate as agreed to by the borrower/s.

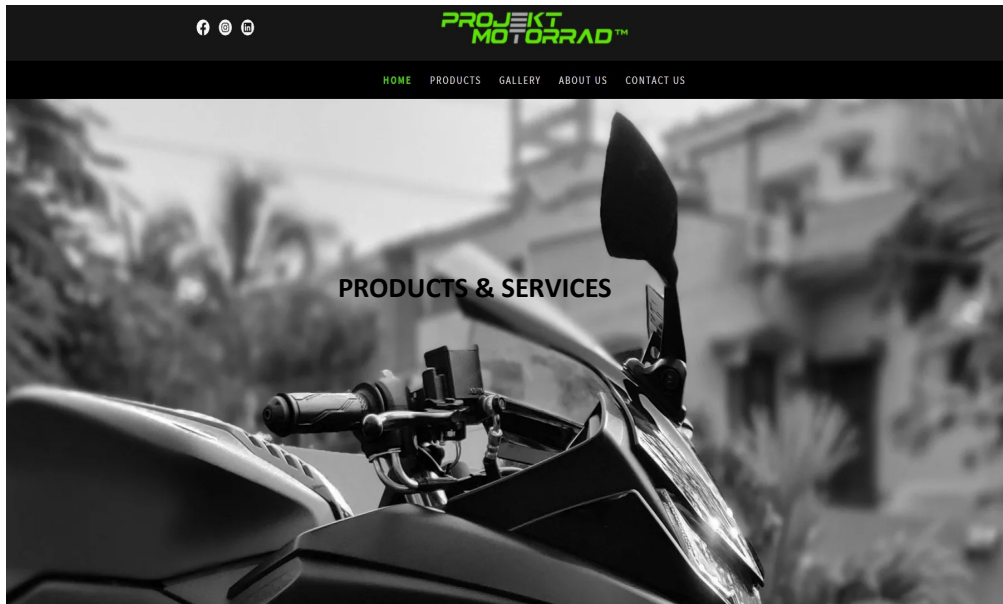
Place : Chinniyampalayam

Date : 12.10.20

Yours faithfully,

Guarantor/Mortgagor

* (Here write the full name/s and address/es of the guarantor/s / mortgagor/s like Company / Partnership / Trust / Individuals etc.)



PRODUCTS AND SERVICES

Using our in-house resource pool of qualified, highly talented, and internationally acclaimed automotive designers, we are designing and (contract) manufacturing a vast array of outstanding products that are robust, reliable and at the same time aesthetically enhance the value of the vehicle(s) that our customers use. Our Services include automotive design consultancy services, 3D modeling, and 3D printing services.

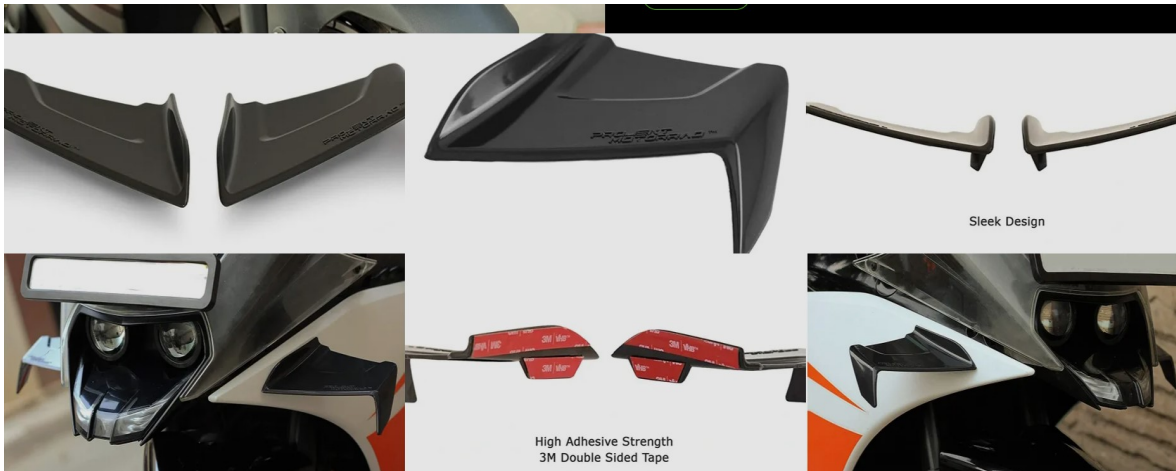


Available on Amazon

PRO-CANARD

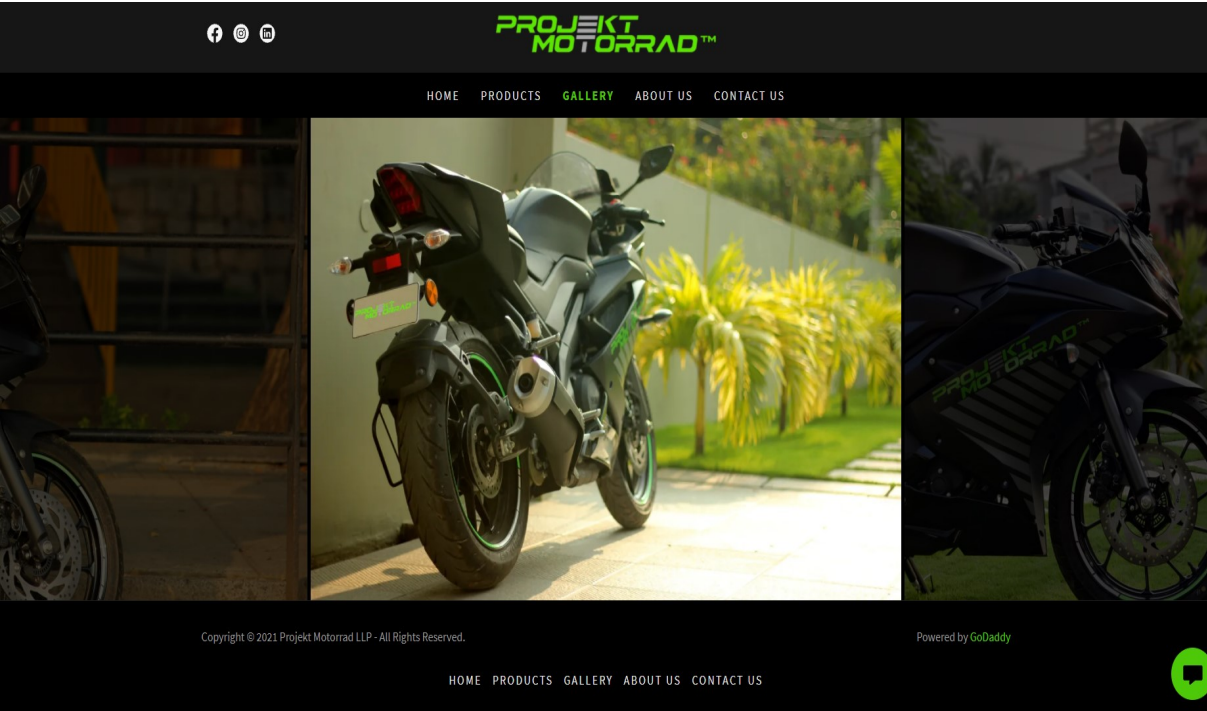
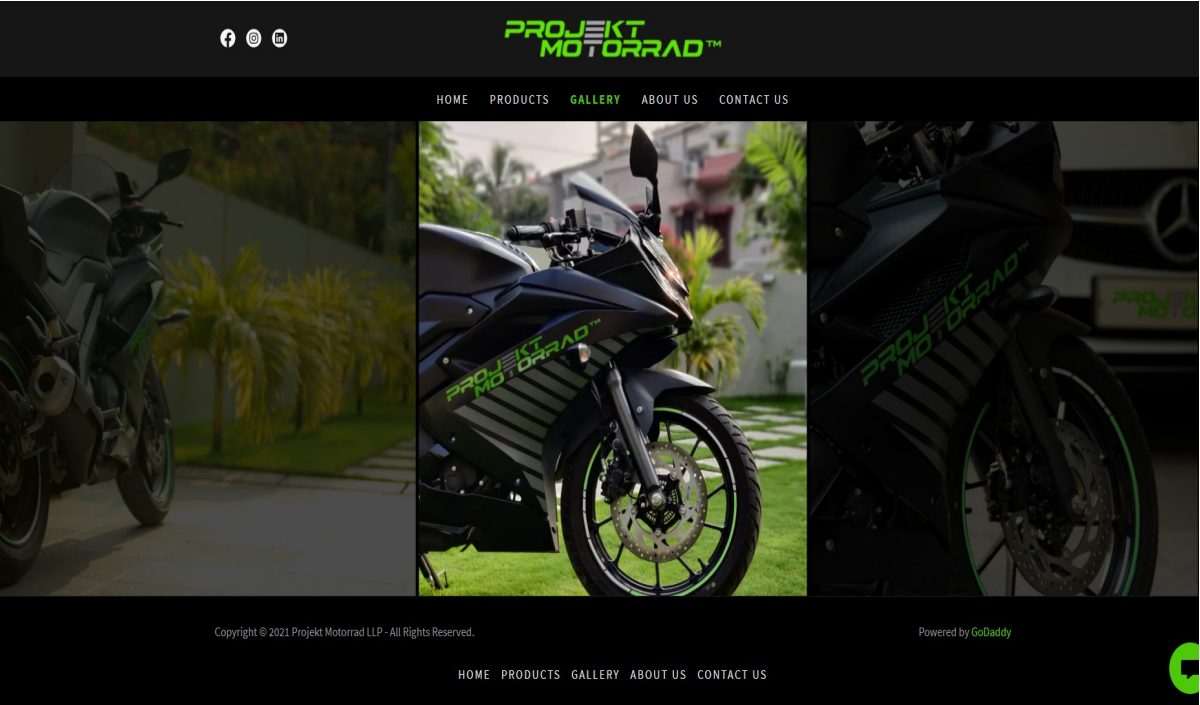
Moto GP style Canards designed for Yamaha R15 V3 / KTM RC 390, RC 200 & RC 125. Also, suitable for Apache RR310 / TVS NTorq / Aprilia SR160 / Honda Dio. This is a premium quality product designed and manufactured in Coimbatore, India using highly durable ABS plastic specifically for outdoor applications.

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PRO CANARD INSTALLATION

STEP 1 : CLEAN THE AREA WITH
ALCOHOL BASED LIQUID



Projekt Motorrad LLP was incorporated on 25th November 2020 pursuant to section 12 (1) of the Limited Liability Partnership Act ,2008 with a registered office @Coimbatore, India to cater to the growing demands of the motorcycle and car accessories market in India and abroad.

MANAGEMENT TEAM



M. FAHD, CHIEF DESIGNER & PARTNER



M. SHAKEEL, MANAGING PARTNER



M. FAHD, CHIEF DESIGNER & PARTNER

Michelin challenge design 2019 Top 5 finalist judged by universally acclaimed designers from the Automotive industry.
Completed Bachelor's degree in Mechanical Engineering from Anna University (2018) and Diploma in Automotive design and research (2019) from Mantra Academy.



M. SHAKEEL, MANAGING PARTNER

A successful management professional with over 25 years of experience in P&L role, Sales and marketing management, and business processes in India and the Gulf.
Completed Bachelor's degree in Electronics and Telecommunications Engineering from Karnatak University (1989) and M.B.A in Marketing and Systems Management from T.A Pai Management Institute (1992).

JANET

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Date: 2023.05.16 11:01:21 +05'30'

Mission Statement

To become the **market leader** in India in automotive accessories by 2028, by providing superior quality products and services that **customers** recommend to family and friends, **retailers** prefer to their customers, **employees** are proud of and **investors** seek for long term returns.

Vision Statement

To provide aesthetic and futuristic designs in automotive accessories enhancing the value of the vehicle that our customers use.



CORE VALUES

Customer Commitment

We develop relationships that make a positive difference in our customers' lives.

Quality

We provide outstanding products and unsurpassed service that, together, deliver premium value to our customers.

Integrity

We uphold the highest standards of integrity in all of our actions



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 Message us on WhatsApp

Address

Projekt Motorrad LLP, 15, S N V Garden Rd, Keelakarai, Ramanathapuram, Tamil Nadu 641036, India.

info@projekt-motorrad.com

Working Hours

Monday - Friday: 10 am - 5 pm
Saturday: 10 am - 4 pm
Sunday: Closed

GET IN TOUCH



JANET

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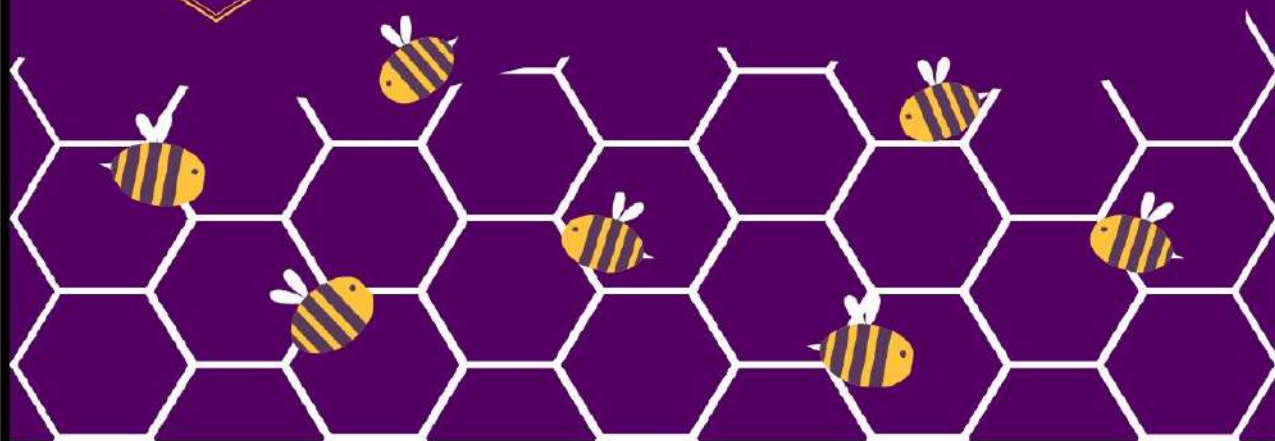

**STAY
HOME
SAVE
LIVES**



AWARDS & ACCOLADES



e - Academia - Special Edition 23



SKCET SECURES SCINTILLATING SPOTLIGHT IN ARIIA 2020 SECOND NATIONAL RANK



SKCET proves its prowess in the prestigious Atal Ranking of Institutions on Innovation Achievements (ARIIA) by securing a solid spot- **Second Rank in National Level** among HEIs for its excellence in high quality research, innovation and entrepreneurship. This excellence in ranking metrics reverberates as we have moved up to the **massive Top 2 position** at the National forefront from the previous Top 100 league in 2019. This paramount National Rankings was released at the E-Award ceremony by our Hon'ble Vice President of India Shri.M.Venkaiah Naidu in the presence of Hon'ble MoE Shri. Ramesh Pokhriyal 'Nishank' and various officials via YouTube live stream on 18.08.2020. The Academic leadership team of SKCET witnessed the glorious moment of celebration in the presence of our Respected Chairperson Madam. As ever, our Scroll of Honour dazzles with the Dexterous Duo Ranks in India Rankings 2020 - 83rd in NIRF and 2nd in ARIIA.

**"Stone by stone, we carved our way,
To where we are today,
We are here to stay,
Let our trail lead the way"
We did it again-the SKCET way!!**

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ARIIA 2020 | GLIMPSES



The Academic leadership team of SKCET witnessed the glorious moment of celebration in the presence of our Respected Chairperson Madam.

SKCET ARIIA 2020| E-AWARD CEREMONY



ARIIA 2020| CERTIFICATE OF ACHIEVEMENT



Dr. Anil D Sahasrabudhe
Chairman, AICTE

Sh. Amit Khare
Secretary (HE), MHRD

Dr. Abhay Jere
Chief Innovation Officer
MHRD's Innovation Cell

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Government of India
Ministry of Human Resource Development



ARIIA
ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS
RANKING 2019

SRI KRISHNA COLLEGE OF ENGINEERING & TECHNOLOGY, COIMBATORE

participated in ARIIA ranking.

Dr. Anil D. Sahasrabudhe
Chairman, AICTE

Shri R. Subrahmanyam
Secretary (Higher Education), MHRD

Dr. Abhay Jere
Chief Innovation Officer, MIC, MHRD

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INNOVATION CELL
(Government of India)



Ministry of Education
(Government of India)



**ATAL RANKING OF INSTITUTIONS
ON INNOVATION ACHIEVEMENTS**

Certificate of Achievement

This is to certify that

SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY

is ranked "Fourth" under the category

"Colleges/Institutes (Private / Self Financed) (Technical)"

in Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2021,

a flagship program of the Ministry of Education, Government of India.

29th December 2021.

Dr. Anil D Sahasrabudhe
Chairman, AICTE

Shri K Sanjay Murthy
Secretary (HE), MoE

Dr. Abhay Jere
Chief Innovation Officer
MoE's Innovation Cell

JANET

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MHRD



MHRD'S
INNOVATION CELL
(GOVERNMENT OF INDIA)



SIH 2020 SOFTWARE EDITION INFORMATION BROCHURE

DIGITAL PLATFORM

Smart India Hackathon 2020
Software Edition – Digital Platform

Smart India Hackathon 2020 is a nationwide initiative to provide students a platform to solve some of pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mind-set of problem solving.

Following the tremendous success of Smart India Hackathon (SIH) in the last 3 consecutive years, the upcoming edition, SIH 2020 will involve intense competition for consecutive hours in a stipulated time frame. It will offer unique opportunity for participants to:

- Work as a team
- Exchange ideas, thoughts, work ethics etc.
- Work and collaborate on projects with varied skilled individuals and learn from other's strengths

Considering the current COVID 19 pandemic, the software edition of Smart India Hackathon 2020 will be conducted through an online platform, thus avoiding mass gathering. All the stakeholders shall get connected virtually through the online platform that will provide an ease of access to conduct the event and to maintain the legacy of SIH impact on Indian innovation ecosystem.

SIH 2020 Highlights:

Objective: To come-up with innovative solutions, opportunity for start-ups and collaborative research

Dates: 1st to 3rd August 2020 through an online platform connecting all stakeholders virtually.

Themes for SIH 2020: A total of 11 themes, namely, Agriculture and Rural Development, Clean Water, Robotics and Drones, Healthcare and Biomedical Devices, Renewable Energy, Security and Surveillance, Smart Communication, Smart Vehicles, Waste Management, Food Processing and Miscellaneous.

Team formation: Each team consists of 6 students and 2 mentors.

Selection Process: The idea submission methodology for SIH 2020 is different from its prequels. To ensure better qualities of entries and to establish culture of Hackathon at college level, every college which is keen on participating in SIH 2020 has conducted their internal hackathons and only top 7 teams (maximum 5 teams for Software Edition and maximum 2 teams for Hardware Edition) have been shortlisted as eligible for participation in the national initiative. These internal hackathons shall not only help in building a strong technology ecosystem within institutions by attracting participation from the majority of students but would also inculcate strong collaborative approach amongst them. The internal campus hackathon also imbibes the innovation culture at a college level. The ideas from selected top

teams from each college were further evaluated and shortlisted for the Grand Finale, which shall be organized on 1st - 3rd August 2020 (software edition) through an online platform.

Duration: The software Edition will be a 36 Hours competition which will be held from 1st to 3rd August 2020.

Problem Statement: A total of 353 problem statements (258 Software and 95 Hardware) were selected and published on Smart India Hackathon 2020 portal: www.sih.gov.in for students to submit solutions. The problem statements were submitted by **32 Central Departments, 13 State Ministries and 27 Industries**. Based on submission, 243 Problem Statements have been selected for grand finale and 1081 teams were shortlisted for Software Edition.

Prize money: Rs. 1,00,000 per problem statement to be given by Problem Statement (PS) creator organization if the idea is liked by the PS creator.

Organizers and Partners:

Smart India Hackathon 2020 is jointly organized by Ministry of Human Resource Development, MHRD Innovation Cell, All India Council for Technical Education, Persistent and i4c Lab.

Partners:

Bureau of Police Research and Development (BPRD), Intel, CISCO Devnet and KPIT

Platinum Partner:

Amazon Web Service

Communication Partner:

SumaSoft

Media Partner:

Doordarshan

Nodal Centers:

A total of 39 Nodal Centers have been selected to conduct the Software Edition of Smart India Hackathon. These Nodal Centers will be responsible for managing and conducting the event through the online platform. These nodal centers will also manage the student teams, organizations and ministries and evaluations of the student teams allocated under respective Problem Statement of organizations and Ministries. The list includes:

Sl. No.	Organizations/Ministry	Nodal Center Name	Nodal Center State	Nodal Center City	PS_ID
1	Adani Port and SEZ Ltd	Vellore Institute of Technology	Tamil Nadu	Vellore	SM321
2	Adani Port and SEZ Ltd	Vellore Institute of Technology	Tamil Nadu	Vellore	SM320
3	AICTE-MIC (Student Innovation)	M L R Institute of Technology	Telangana	Hyderabad	IC464
4	AICTE-MIC (Student Innovation)	Samrat Ashok Institute of technology	Madhya Pradesh	Vidhisha	IC465
5	AICTE-MIC (Student Innovation)	GIET University	Orissa	Gunupur	IC469
6	AICTE-MIC (Student Innovation)	G H Raisoni College Of Engineering, Nagpur	Maharashtra	Nagpur	IC472
7	AICTE-MIC (Student Innovation)	M L R Institute of Technology	Telangana	Hyderabad	IC474
8	AICTE-MIC (Student Innovation)	Samrat Ashok Institute of technology	Madhya Pradesh	Vidhisha	IC467
9	AICTE-MIC (Student Innovation)	M L R Institute of Technology	Telangana	Hyderabad	IC466
10	AICTE-MIC (Student Innovation)	M L R Institute of Technology	Telangana	Hyderabad	IC470
11	AICTE-MIC (Student Innovation)	G H Raisoni College Of Engineering, Nagpur	Maharashtra	Nagpur	IC460
12	AICTE-MIC (Student Innovation)	Samrat Ashok Institute of technology	Madhya Pradesh	Vidhisha	IC462
13	AICTE-MIC (Student Innovation)	G H Raisoni College Of Engineering, Nagpur	Maharashtra	Nagpur	IC463
14	AICTE-MIC (Student Innovation)	GIET University	Orissa	Gunupur	IC468
15	AICTE-MIC (Student Innovation)	GIET University	Orissa	Gunupur	IC471
16	AICTE-MIC (Student Innovation)	GIET University	Orissa	Gunupur	IC473
17	Airports Authority of India	Banaras Hindu University	Uttar Pradesh	Varanasi	AK10
18	Airports Authority of India	Banaras Hindu University	Uttar Pradesh	Varanasi	AK11
19	Airports Authority of India	Banaras Hindu University	Uttar Pradesh	Varanasi	AK12
20	Airports Authority of India	Banaras Hindu	Uttar	Varanasi	AK13

		University	Pradesh		
21	Airports Authority of india	Banaras Hindu University	Uttar Pradesh	Varanasi	AK14
22	Airports Authority of india	Banaras Hindu University	Uttar Pradesh	Varanasi	AK15
23	Airports Authority of india	Banaras Hindu University	Uttar Pradesh	Varanasi	AK16
24	Airports Authority of india	Banaras Hindu University	Uttar Pradesh	Varanasi	AK9
25	All India Institute of Ayurveda - Ministry of AYUSH	NOIDA INSTITUTE OF ENGINEERING & TECHNOLOGY	Uttar Pradesh	Greater Noida	DA192
26	Amazon Web Services	REVA University	Karnataka	Bengaluru	AN317
27	Amazon Web Services	REVA University	Karnataka	Bengaluru	AN314
28	Amazon Web Services	REVA University	Karnataka	Bengaluru	AN319
29	Amazon Web Services	REVA University	Karnataka	Bengaluru	AN316
30	ARAI	COEP	Maharashtra	Pune	UK149
31	ARAI	COEP	Maharashtra	Pune	UK151
32	Autodesk	Sri Sivasubramaniya Nadar College of Engineering	Tamil Nadu	Chennai	BN147
33	Bajaj Fin Serv	Chandigarh Engineering College, (CGC) Landran	Punjab	Mohali	CH46
34	Bajaj Fin Serv	Chandigarh Engineering College, (CGC) Landran	Punjab	Mohali	VA47
35	Bajaj Fin Serv	Chandigarh Engineering College, (CGC) Landran	Punjab	Mohali	AP63
36	BEML Limited	Manipal Institute of Technology	Karnataka	Manipal	AK209
37	BEML Limited	Manipal Institute of Technology	Karnataka	Manipal	AK210
38	BEML Limited	Manipal Institute of Technology	Karnataka	Manipal	AK211
39	Bharat Electronics Limited , Bengaluru	Manipal Institute of Technology	Karnataka	Manipal	MU455
40	Bharat Electronics Limited , Bengaluru	Manipal Institute of Technology	Karnataka	Manipal	MU456
41	Bureau of Police Research & Development	ORIENTAL COLLEGE OF TECHNOLOGY	Madhya Pradesh	Bhopal	RK305

42	Bureau of Police Research & Development	ORIENTAL COLLEGE OF TECHNOLOGY	Madhya Pradesh	Bhopal	RK307
43	Bureau of Police Research & Development	ORIENTAL COLLEGE OF TECHNOLOGY	Madhya Pradesh	Bhopal	RK309
44	Bureau of Police Research & Development	Central Academy for Police Training (BPRD INSTITUTE)	Madhya Pradesh	Bhopal	RK311
45	Bureau of Police Research & Development	Central Academy for Police Training (BPRD INSTITUTE)	Madhya Pradesh	Bhopal	RK55
46	Bureau of Police Research & Development	SAGE University	Madhya Pradesh	Indore	RK58
47	Bureau of Police Research & Development	SAGE University	Madhya Pradesh	Indore	RK59
48	Bureau of Police Research & Development	SAGE University	Madhya Pradesh	Indore	RK60
49	Bureau of Police Research & Development	SAGE University	Madhya Pradesh	Indore	RK61
50	Bureau of Police Research & Development	ORIENTAL COLLEGE OF TECHNOLOGY	Madhya Pradesh	Bhopal	RK306
51	Bureau of Police Research & Development	ORIENTAL COLLEGE OF TECHNOLOGY	Madhya Pradesh	Bhopal	RK308
52	Bureau of Police Research & Development	Central Academy for Police Training (BPRD INSTITUTE)	Madhya Pradesh	Bhopal	RK310
53	Bureau of Police Research & Development	Central Academy for Police Training (BPRD INSTITUTE)	Madhya Pradesh	Bhopal	RK312
54	Bureau of Police Research & Development	Central Academy for Police Training (BPRD INSTITUTE)	Madhya Pradesh	Bhopal	RK54
55	Bureau of Police Research & Development	Central Academy for Police Training (BPRD INSTITUTE)	Madhya Pradesh	Bhopal	RK57
56	Bureau of Police Research & Development	SAGE University	Madhya Pradesh	Indore	RK62
57	Bureau of Police Research & Development	ORIENTAL COLLEGE OF TECHNOLOGY	Madhya Pradesh	Bhopal	RK304
58	CBSE	MGM College of Engineering & Technology	Kerala	Erunakulam	DA178
59	CDK Global	Prin. L. N. Welingkar	Maharashtra	Mumbai	RA24

		Institute of Management Development & Research (WeSchool)	a		
60	CDK Global	Prin. L. N. Welingkar Institute of Management Development & Research (WeSchool)	Maharashtra	Mumbai	RA25
61	CDK Global	Prin. L. N. Welingkar Institute of Management Development & Research (WeSchool)	Maharashtra	Mumbai	RA26
62	CDK Global	Prin. L. N. Welingkar Institute of Management Development & Research (WeSchool)	Maharashtra	Mumbai	RA27
63	CDK Global	Prin. L. N. Welingkar Institute of Management Development & Research (WeSchool)	Maharashtra	Mumbai	RA28
64	Central Ground Water Board, Ministry of Jal Shakti	Vellore Institute of Technology	Tamil Nadu	Vellore	DM83
65	Central Ground Water Board, Ministry of Jal Shakti	Vellore Institute of Technology	Tamil Nadu	Vellore	DM84
66	Central Warehousing Corporation	KL University	Andhra Pradesh	Vijayawada	BK263
67	Central Water Commission, Ministry of Jal Shakti	KL University	Andhra Pradesh	Vijayawada	SK153
68	Central Water Commission, Ministry of Jal Shakti	KL University	Andhra Pradesh	Vijayawada	SK155
69	Cisco DEVNET	REVA University	Karnataka	Bengaluru	AM289
70	Cisco DEVNET	REVA University	Karnataka	Bengaluru	AM291
71	Cognizant Technology Solutions India Pvt. Ltd	Chandigarh Engineering College, (CGC) Landran	Punjab	Mohali	MS450
72	Department of Atomic Energy	Chandigarh Engineering College, (CGC) Landran	Punjab	Mohali	PC87
73	Department of Empowerment of Persons	MGM College of Engineering &	Kerala	Erunakulam	PD150

	with Disabilities, Ministry of Social Justice and Empowerment	Technology			
74	Department of Financial Services	Hindusthan College of Engineering and Technology	Tamil Nadu	Coimbatore	MK21
75	Department of Financial Services	Hindusthan College of Engineering and Technology	Tamil Nadu	Coimbatore	MK23
76	Department of Information Technology and Bio Technology, Government of Karnataka	KLE Technological University	Karnataka	Hubli	SR272
77	Department of Science and Technology	Sri Krishna College of Engineering and Technology	Tamil Nadu	Coimbatore	PR424
78	Department of Science and Technology	Sri Krishna College of Engineering and Technology	Tamil Nadu	Coimbatore	PR430
79	Department of Scientific and Industrial Research	BML Munjal University	Haryana	Gurugram	AG50
80	Directorate of Technical Education Chandigarh	Institute of Engineering and Technology	Uttar Pradesh	Ayodhya	SS134
81	Dr. B R Ambedkar Institute of Technology	Jeppiaar College of Engineering	Tamilnadu	Chennai	DS157
82	Dr. B R Ambedkar Institute of Technology	Jeppiaar College of Engineering	Tamilnadu	Chennai	DS159
83	Dr. B R Ambedkar Institute of Technology	Jeppiaar College of Engineering	Tamilnadu	Chennai	DS164
84	Dr. B R Ambedkar Institute of Technology	Jeppiaar College of Engineering	Tamilnadu	Chennai	DS165
85	Dr. B R Ambedkar Institute of Technology	Techno India University	West Bengal	Kolkata	DS170
86	Dr. B R Ambedkar Institute of Technology	Jeppiaar College of Engineering	Tamilnadu	Chennai	DS163
87	Dr. B R Ambedkar Institute of Technology	Techno India University	West Bengal	Kolkata	DS168
88	Dr. B R Ambedkar Institute of Technology	Techno India University	West Bengal	Kolkata	DS171
89	Dr. B R Ambedkar Institute of Technology	Techno India University	West Bengal	Kolkata	DS90
90	Dte of IT & Cyber Security,	Chitkara University	Punjab	Rajpura	CK139

	DRDO				
91	Dte of IT & Cyber Security, DRDO	Chitkara University	Punjab	Rajpura	CK146
92	Dte of IT & Cyber Security, DRDO	Chitkara University	Punjab	Rajpura	CK107
93	Dte of IT & Cyber Security, DRDO	Chitkara University	Punjab	Rajpura	CK108
94	Dte of IT & Cyber Security, DRDO	Chitkara University	Punjab	Rajpura	CK116
95	Education department Gujarat	BML Munjal University	Haryana	Gurugram	AD357
96	Education department Gujarat	BML Munjal University	Haryana	Gurugram	AD358
97	FIS Global	Sri Sivasubramaniya Nadar College of Engineering	Tamil Nadu	Chennai	SM445
98	FIS Global	Sri Sivasubramaniya Nadar College of Engineering	Tamil Nadu	Chennai	SM446
99	GAIL	MGM College of Engineering & Technology	Kerala	Erunakulam	BK225
100	GAIL	MGM College of Engineering & Technology	Kerala	Erunakulam	BK224
101	GAIL	MGM College of Engineering & Technology	Kerala	Erunakulam	BK226
102	GE Healthcare	REVA University	Karnataka	Bengaluru	UP49
103	GE Healthcare	REVA University	Karnataka	Bengaluru	UP176
104	Gov of Uttarakhand	Graphics Era University	Uttarakhand	Dehradun	MK100
105	Gov of Uttarakhand	Graphics Era University	Uttarakhand	Dehradun	MK103
106	Gov of Uttarakhand	Graphics Era University	Uttarakhand	Dehradun	MK104
107	Gov of Uttarakhand	Graphics Era University	Uttarakhand	Dehradun	MK105
108	Gov of Uttarakhand	Graphics Era University	Uttarakhand	Dehradun	MK91
109	Gov of Uttarakhand	Graphics Era University	Uttarakhand	Dehradun	MK95

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110	Gov of Uttarakhand	Graphics Era University	Uttarakhand	Dehradun	MK106
111	Government of Andhra Pradesh	CMR College of Engineering & Technology	Telangana	Hyderabad	KB141
112	Government of Andhra Pradesh	CMR College of Engineering & Technology	Telangana	Hyderabad	KB145
113	Government of Andhra Pradesh	CMR College of Engineering & Technology	Telangana	Hyderabad	KB189
114	Government of Andhra Pradesh	CMR College of Engineering & Technology	Telangana	Hyderabad	KB185
115	Government of Andhra Pradesh	CMR College of Engineering & Technology	Telangana	Hyderabad	KB194
116	Government of Andhra Pradesh	Vardhman College of engineering	Telangana	Hyderabad	KB196
117	Government of Andhra Pradesh	Vardhman College of engineering	Telangana	Hyderabad	KB198
118	Government of Andhra Pradesh	Vardhman College of engineering	Telangana	Hyderabad	KB219
119	Government of Andhra Pradesh	Vardhman College of engineering	Telangana	Hyderabad	KB220
120	Government of Andhra Pradesh	CMR College of Engineering & Technology	Telangana	Hyderabad	KB186
121	Government of Andhra Pradesh	Vardhman College of engineering	Telangana	Hyderabad	KB222
122	Govt of Goa	Vel Tech	Tamil Nadu	Chennai	DR111
123	Govt of Goa	Vel Tech	Tamil Nadu	Chennai	DR112
124	Govt of Goa	Vel Tech	Tamil Nadu	Chennai	DR113
125	Govt of Goa	Vel Tech	Tamil Nadu	Chennai	DR135
126	Govt of Puducherry	Vel Tech	Tamil Nadu	Chennai	DK180
127	Govt of Puducherry	Vel Tech	Tamil Nadu	Chennai	DK181
128	Govt of Puducherry	Vel Tech	Tamil Nadu	Chennai	DK182
129	Govt. of Bihar (DOA)	Hindusthan College of Engineering and Technology	Tamil Nadu	Coimbatore	PK413

130	Govt. of Bihar (DOA)	Hindusthan College of Engineering and Technology	Tamil Nadu	Coimbatore	PK414
131	Govt. of Bihar (DOA)	Hindusthan College of Engineering and Technology	Tamil Nadu	Coimbatore	PK416
132	Govt. of Bihar (DOA)	Sri Krishna College of Engineering and Technology	Tamil Nadu	Coimbatore	NS270
133	Govt. of Bihar (DOA)	Sri Krishna College of Engineering and Technology	Tamil Nadu	Coimbatore	NS275
134	Govt. of Bihar (DOA)	Hindusthan College of Engineering and Technology	Tamil Nadu	Coimbatore	PK417
135	Govt. of Bihar (DOA)	Sri Krishna College of Engineering and Technology	Tamil Nadu	Coimbatore	NS269
136	Govt. of Bihar (DOA)	Sri Krishna College of Engineering and Technology	Tamil Nadu	Coimbatore	PK409
137	Govt. of Madhya Pradesh	Noida Institute of Engineering & Technology	Uttar Pradesh	Greater Noida	MS331
138	Govt. of Madhya Pradesh	Noida Institute of Engineering & Technology	Uttar Pradesh	Greater Noida	MS332
139	Govt. of Madhya Pradesh	Noida Institute of Engineering & Technology	Uttar Pradesh	Greater Noida	MS333
140	Govt. of Madhya Pradesh	Noida Institute of Engineering & Technology	Uttar Pradesh	Greater Noida	MS334
141	Govt. of Madhya Pradesh	Noida Institute of Engineering & Technology	Uttar Pradesh	Greater Noida	MS335
142	Govt. of Madhya Pradesh	Noida Institute of Engineering & Technology	Uttar Pradesh	Greater Noida	MS336
143	Govt. of Madhya Pradesh	Galgotias University	Uttar Pradesh	Greater Noida	MS337
144	Govt. of Madhya Pradesh	Galgotias University	Uttar Pradesh	Greater Noida	MS338

			Pradesh	Noida	
145	Govt. of Madhya Pradesh	Galgotias University	Uttar Pradesh	Greater Noida	MS339
146	Govt. of Madhya Pradesh	Galgotias University	Uttar Pradesh	Greater Noida	MS340
147	Govt. of Madhya Pradesh	Galgotias University	Uttar Pradesh	Greater Noida	MS342
148	Govt. of Sikkim	Parul University	Gujarat	Vadodara	SG293
149	Govt. of Sikkim	Parul University	Gujarat	Vadodara	SG295
150	Govt. of Sikkim	Parul University	Gujarat	Vadodara	SG296
151	Govt. of Sikkim	Parul University	Gujarat	Vadodara	SG297
152	Govt. of Sikkim	Parul University	Gujarat	Vadodara	SG434
153	Govt. of Sikkim	Parul University	Gujarat	Vadodara	SG436
154	Great Learning	Sri Sivasubramaniya Nadar College of Engineering	Tamil Nadu	Chennai	GL32
155	Indian Space Research Organisation (ISRO)	Gujarat Technological University	Gujarat	Ahmedabad	NM401
156	Indian Space Research Organisation (ISRO)	Gujarat Technological University	Gujarat	Ahmedabad	NM402
157	Indian Space Research Organisation (ISRO)	Gujarat Technological University	Gujarat	Ahmedabad	NM374
158	Indian Space Research Organisation (ISRO)	Gujarat Technological University	Gujarat	Ahmedabad	NM389
159	Indian Space Research Organisation (ISRO)	Gujarat Technological University	Gujarat	Ahmedabad	NM393
160	Indian Space Research Organisation (ISRO)	Gujarat Technological University	Gujarat	Ahmedabad	NM394
161	Indian Space Research Organisation (ISRO)	Gujarat Technological University	Gujarat	Ahmedabad	NM395
162	Indian Space Research Organisation (ISRO)	Gujarat Technological University	Gujarat	Ahmedabad	NM396
163	Indian Space Research Organisation (ISRO)	Gujarat Technological University	Gujarat	Ahmedabad	NM397
164	Indian Space Research Organisation (ISRO)	Gujarat Technological University	Gujarat	Ahmedabad	NM398
165	Indian Space Research Organisation (ISRO)	Gujarat Technological University	Gujarat	Ahmedabad	NM386
166	Indian Space Research Organisation (ISRO)	Gujarat Technological University	Gujarat	Ahmedabad	NM373
167	Indian Space Research	Gujarat Technological	Gujarat	Ahmedabad	NM377

	Organisation (ISRO)	University			
168	Indian Space Research Organisation (ISRO)	Gujarat Technological University	Gujarat	Ahmedabad	NM378
169	Indian Space Research Organisation (ISRO)	Gujarat Technological University	Gujarat	Ahmedabad	NM380
170	Indian Space Research Organisation (ISRO)	Gujarat Technological University	Gujarat	Ahmedabad	NM381
171	Indian Space Research Organisation (ISRO)	Gujarat Technological University	Gujarat	Ahmedabad	NM383
172	Indian Space Research Organisation (ISRO)	Gujarat Technological University	Gujarat	Ahmedabad	NM385
173	Indian Space Research Organisation (ISRO)	Gujarat Technological University	Gujarat	Ahmedabad	NM404
174	Indian Space Research Organisation (ISRO)	Gujarat Technological University	Gujarat	Ahmedabad	NM405
175	Indian Space Research Organisation (ISRO)	Gujarat Technological University	Gujarat	Ahmedabad	NM399
176	Indian Space Research Organisation (ISRO)	Gujarat Technological University	Gujarat	Ahmedabad	NM400
177	Indian Space Research Organisation (ISRO)	Gujarat Technological University	Gujarat	Ahmedabad	NM391
178	Indian Space Research Organisation (ISRO)	Gujarat Technological University	Gujarat	Ahmedabad	NM392
179	Indian Space Research Organisation (ISRO)	Gujarat Technological University	Gujarat	Ahmedabad	NM370
180	MathWorks	Prin. L. N. Welingkar Institute of Management Development & Research (WeSchool)	Maharashtra	Mumbai	AG343
181	Ministry of Agriculture Cooperation and Farmer Welfare	Techno India University	West Bengal	Kolkata	SB109
182	Ministry of Communications	COEP	Maharashtra	Pune	PJ234
183	Ministry of Communications	COEP	Maharashtra	Pune	PJ235
184	Ministry of Communications	COEP	Maharashtra	Pune	PJ239
185	Ministry of Communications	COEP	Maharashtra	Pune	PJ240
186	Ministry of Food Processing	Sri Venkateshwara	Karnataka	Bengaluru	BK169

	Industries	College of Engineering			
187	Ministry of Health and Family Welfare	KLE Technological University	Karnataka	Hubli	SS41
188	Ministry of Health and Family Welfare	KLE Technological University	Karnataka	Hubli	SS43
189	Ministry of Health and Family Welfare	KLE Technological University	Karnataka	Hubli	SS42
190	Ministry of Health and Family Welfare	KLE Technological University	Karnataka	Hubli	SS45
191	Ministry of Housing and Urban Affairs	Raj Kumar Goel Institute of Technology	Uttar Pradesh	Ghaziabad	BC79
192	Ministry of Housing and Urban Affairs	Raj Kumar Goel Institute of Technology	Uttar Pradesh	Ghaziabad	BC71
193	Ministry of Housing and Urban Affairs	Raj Kumar Goel Institute of Technology	Uttar Pradesh	Ghaziabad	BC74
194	Ministry of Housing and Urban Affairs	Raj Kumar Goel Institute of Technology	Uttar Pradesh	Ghaziabad	BC76
195	Ministry of Housing and Urban Affairs	Raj Kumar Goel Institute of Technology	Uttar Pradesh	Ghaziabad	BC77
196	Ministry of Housing and Urban Affairs	Raj Kumar Goel Institute of Technology	Uttar Pradesh	Ghaziabad	BC78
197	Ministry of Micro, Small & Medium Enterprises	Institute of Engineering and Technology	Uttar Pradesh	Ayodhya	SG64
198	Ministry of Petroleum and Natural Gas	Gujarat Forensic Science University	Gujarat	Gandhinagar	AJ129
199	Ministry of Petroleum and Natural Gas	Gujarat Forensic Science University	Gujarat	Gandhinagar	AJ128
200	Ministry of Power	New Delhi Institute of Management	Delhi	New Delhi	LN379 (Merged with PK367)
201	Ministry of Power	New Delhi Institute of Management	Delhi	New Delhi	LN382 (Merged with PK368)
202	Ministry of Power	New Delhi Institute of Management	Delhi	New Delhi	LN384
203	Ministry of Power	New Delhi Institute of Management	Delhi	New Delhi	PK366
204	Ministry of Railways	Institute of Engineering and Technology	Uttar Pradesh	Ayodhya	BB228
205	Ministry of Rural	Sri Venkateshwara	Karnataka	Bengaluru	MK199

	Development	College of Engineering			
206	Ministry of Rural Development	Sri Venkateshwara College of Engineering	Karnataka	Bengaluru	MK202
207	Ministry of Rural Development	Sri Venkateshwara College of Engineering	Karnataka	Bengaluru	MK203
208	Ministry of Rural Development	CHANDIGARH UNIVERSITY PUNJAB	Punjab	Mohali	MK205
209	Ministry of Rural Development	CHANDIGARH UNIVERSITY PUNJAB	Punjab	Mohali	MK206
210	Ministry of Rural Development	CHANDIGARH UNIVERSITY PUNJAB	Punjab	Mohali	MK208
211	Ministry of Rural Development	Sri Venkateshwara College of Engineering	Karnataka	Bengaluru	MK200
212	Ministry of Rural Development	CHANDIGARH UNIVERSITY PUNJAB	Punjab	Mohali	MK207
213	Ministry of Rural Development	Sri Venkateshwara College of Engineering	Karnataka	Bengaluru	MK204
214	Ministry of Tribal Affairs	Institute of Engineering and Technology	Uttar Pradesh	Ayodhya	DN260
215	Ministry of Women and Child Development	Swami Keshvanand Institute of Technology Management & Gramothan	Rajasthan	Jaipur	AS118
216	Ministry of Women and Child Development	Swami Keshvanand Institute of Technology Management & Gramothan	Rajasthan	Jaipur	AS120
217	Ministry of Women and Child Development	Swami Keshvanand Institute of Technology Management & Gramothan	Rajasthan	Jaipur	AS121
218	Ministry of Women and Child Development	Swami Keshvanand Institute of Technology Management & Gramothan	Rajasthan	Jaipur	AS122
219	Ministry of Women and Child Development	Swami Keshvanand Institute of Technology Management & Gramothan	Rajasthan	Jaipur	AS123
220	Ministry of Women and Child Development	JECRC University	Rajasthan	Jaipur	AS124
221	Ministry of Women and	JECRC University	Rajasthan	Jaipur	AS33

	Child Development				
222	Ministry of Women and Child Development	JECRC University	Rajasthan	Jaipur	AS34
223	Ministry of Women and Child Development	JECRC University	Rajasthan	Jaipur	AS37
224	Ministry of Women and Child Development	JECRC University	Rajasthan	Jaipur	AS38
225	Ministry of Women and Child Development	JECRC University	Rajasthan	Jaipur	AS39
226	Ministry of Women and Child Development	Swami Keshvanand Institute of Technology Management & Gramothan	Rajasthan	Jaipur	AS119
227	Ministry of Youth Affairs & Sports	MGM College of Engineering & Technology	Kerala	Erunakulam	DK1
228	Mixorg	Prin. L. N. Welingkar Institute of Management Development & Research (WeSchool)	Maharashtra	Mumbai	CB31
229	National Crime Records Bureau	Gujarat Forensic Science University	Gujarat	Gandhinagar	SK215
230	National Crime Records Bureau	Gujarat Forensic Science University	Gujarat	Gandhinagar	SK213
231	National Crime Records Bureau	Gujarat Forensic Science University	Gujarat	Gandhinagar	SK216
232	National Jute Board, Min of Textiles	National Institute of Technology Jamshedpur	Jharkhand	Jamshedpur	AR244
233	National Jute Board, Min of Textiles	National Institute of Technology Jamshedpur	Jharkhand	Jamshedpur	AR245
234	National Jute Board, Min of Textiles	National Institute of Technology Jamshedpur	Jharkhand	Jamshedpur	AR253
235	National Jute Board, Min of Textiles	National Institute of Technology Jamshedpur	Jharkhand	Jamshedpur	AR247
236	National Jute Board, Min of Textiles	National Institute of Technology Jamshedpur	Jharkhand	Jamshedpur	AR250
237	National Jute Board, Min of Textiles	National Institute of Technology Jamshedpur	Jharkhand	Jamshedpur	AR256
238	National Mission for Clean Ganga, DoWR, RD & GR, Ministry of Jal Shakti	KL University	Andhra Pradesh	Vijayawada	PG179

239	NCR Corporation (India) Private Limited	Manipal Institute of Technology	Karnataka	Manipal	NH447
240	TCI	Sri Sivasubramaniya Nadar College of Engineering	Tamil Nadu	Chennai	PU131
241	Tripura Institute of Technology	KL University	Andhra Pradesh	Vijayawada	DB126
242	VMware Software India Pvt.Ltd.	Vellore Institute of Technology	Tamil Nadu	Vellore	SS443
243	Yamaha Motor Solution India Pvt Ltd	BML Munjal University	Haryana	Gurugram	DK287

Elements of the online Portal for SIH-Software Edition:

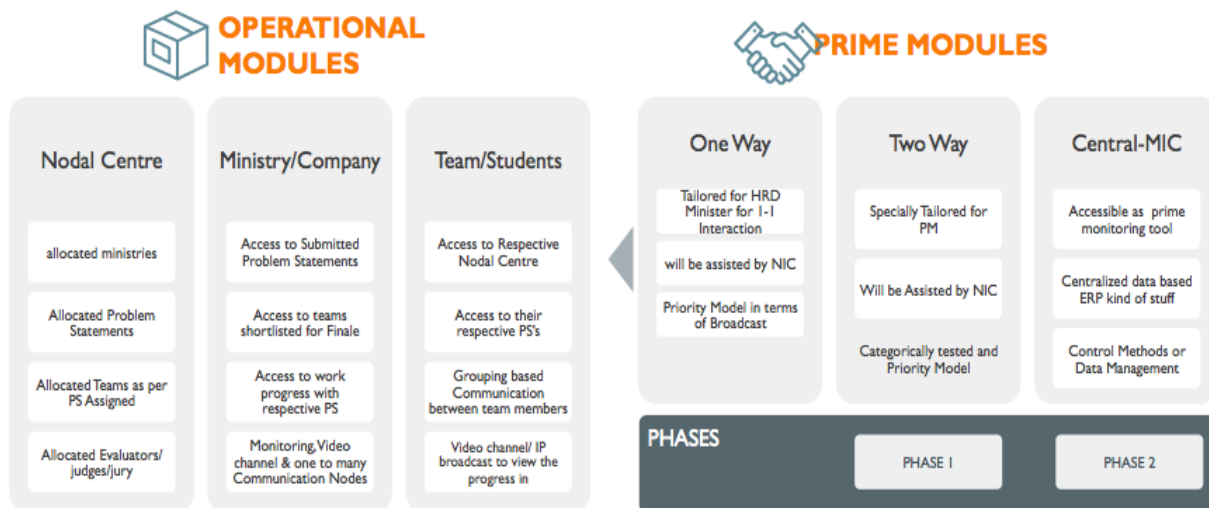
Unlike the earlier editions of SIH, this is the first time where the entire event shall be conducted virtually, through an online system especially designed for the Hackathon. The SIH Software edition will be conducted online on a cloud based tool that engages all user types under one web console connected through different nodes. The students, along with their mentors, the nodal centers, judges, ministries/organizations, organizers and all the guests shall be connected to one another in real time through the portal and all the interactions, announcements, evaluations, declarations etc. shall be made possible in a smooth course of action throughout the event using the advance technology.

The teams shall be supervised by the Nodal Centre allocated to them, and these nodal Centre's shall be supervised by the Organizers through the master control room.

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VIRTUAL INNOVATION MODEL- SIH ONLINE 2020



Registration of participants, Nodal Center and Problem creator:

A total of 39 Nodal Centre's throughout the country are associated with the SIH-2020. Each of these Nodal Centers have been allocated with 2-3 ministries/organizations, their respective Problem Statements, and the students working on these problem statements.

Teams shall register themselves with their mentors at the allotted nodal center. The Nodal center shall also maintain e-copies of several documents including:

- A Valid Government ID per individual
- A valid College ID per individual
- A college letter allowing participation

The nodal centers shall be responsible for managing the evaluations at their center by registering the mentors, judges and jury members. Also, the nodal center will have jury and judges from their institute to evaluate the ideas.

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Virtual Nodal Centers:

Each of the 39 Nodal Centers shall be provided with login credentials through which they may access their Virtual Nodal Center Dashboard using which they can communicate with the SIH Team, Student Team and Evaluators.

Team Management: All the teams shall be accessible to the Nodal Centers through the dashboard in order to communicate and supervise them virtually.

Organization Management: The Nodal Center will manage all the ministries and companies and assist them in evaluation and scoring on portal.

Evaluation & Scoring: The teams shall upload their progress and project so far on the portal whenever the Judging round takes place. The evaluation team shall carry 2 rounds of evaluation on each day of the Hackathon. The jury panel will be evaluating and scoring on the portal.

Center level inauguration and felicitation ceremonies: The opening ceremony, interactions and felicitation ceremony, which shall include Hon'ble Prime Minister and other prestigious delegates shall be broadcasted, visible to students, mentors, judges, and the nodal Centre authority through the Virtual Nodal Centre.

E-certificate Distribution and Prize Distribution: The results shall be declared at the virtual Nodal Centre and teams selected as winners at respective Nodal Centers shall be felicitated with an E-Certificate and Prize shared through the Virtual Nodal Center.

Central Control Room:

The Central Control Room shall be the highest zone of the virtual conduct of SIH, which shall be operated by the Organizers.

Management of NC: It shall keep a check on the updates occurring at the Nodal Center Panel.

Support to NC: Nodal Centers may contact the Organizers for queries/issues and actions.

Monitoring Progress and Evaluations: Ensure a smooth flow of the Hackathon and supervise the Nodal Center activities and updates.

Inauguration and Felicitation Ceremonies: Manage National Level inauguration and felicitation at the nodal centers.

Interaction and Address of Ministers, delegates and officials: The opening ceremony, interactions and felicitation ceremony shall include Hon'ble Prime Minister and other prestigious delegates will be broadcasted from control Panel to the rest of the Virtual Nodal Centers.

Webinars by winning teams of SIH and officials: Webinars will be conducted through the SIH organizers and past winners of SIH.

Official Announcements: All the announcements and updates will be uploaded from the Central Control Room for the Virtual Nodal Centers.

Important Information on SIH 2020-Software Edition:

Headcount	Number
Total Problem Statements	243
Total Evaluators (Average 16 per center)	656
Total Nodal Centers Assigned	39
Total Nodal Centers Side Support Staff (average 10 per center)	390
Total Student teams	1081
Total Students (6 team members + 2 mentors)	8648
Total MIC + Execution Team	50
Overall Participant on online platform	9772

HOW IT WORKS:

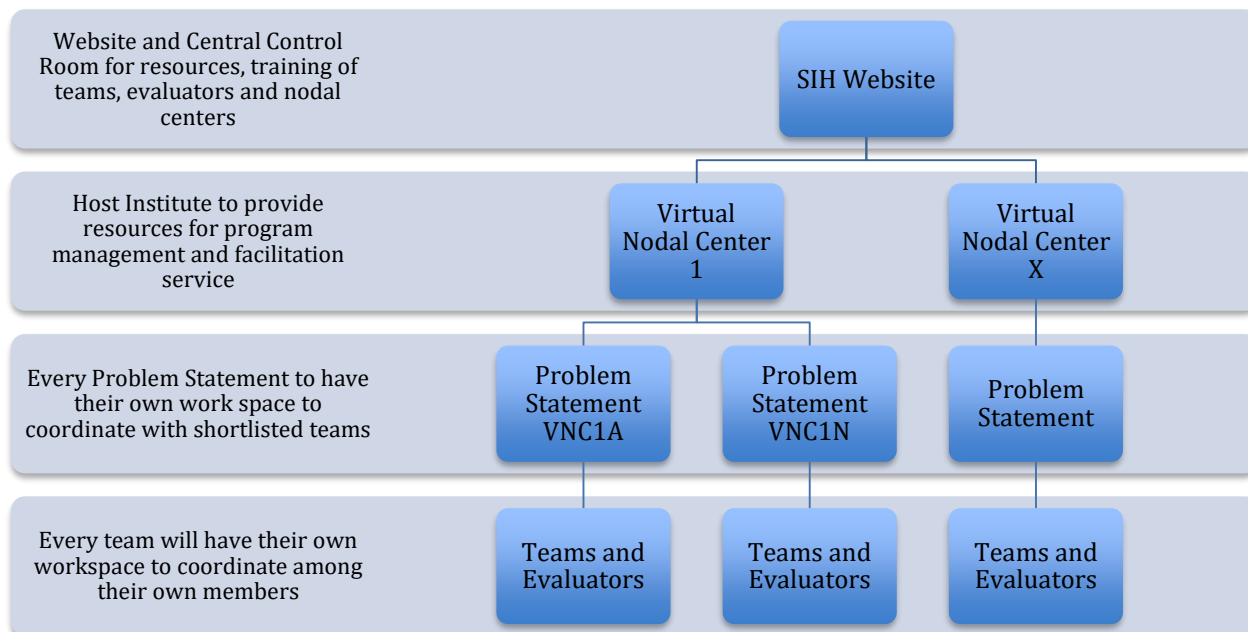
Similar to a physical event apart from the physical presence, using the virtual platform, one can emulate most functionalities and some even better. Below listed are some aspects that we are able to cover.

- SIH Website shall display Nodal Centers, and within Nodal Centers the allocated problem statements. Within problem statements virtual workspace for teams and evaluators shall be present.
- Opening ceremony broadcast for all.
- Felicitation ceremony at the Nodal Centre level for every allocated problem statement.
- Recording of the videos for SIH website.
- Feedback and testimonial collection from teams, evaluators and others.

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SIH Design and Architecture Emulating the offline version



- The SIH Portal will emulate the above hierarchy of virtual events which enables stakeholders to have their branding and visibility as a part of larger initiatives.
- A connection between the SIH website and a decentralized backend has been established for collaboration that would be provided to every nodal center through the Microsoft Teams / Slack workspace, Google Meeting, Google Drive and Github and other tools.
- A team of experienced experts at our end shall coordinate with teams, evaluators, nodal centers, web developers and manage communication coordination, design and linkage of coordination platform and overall program management.

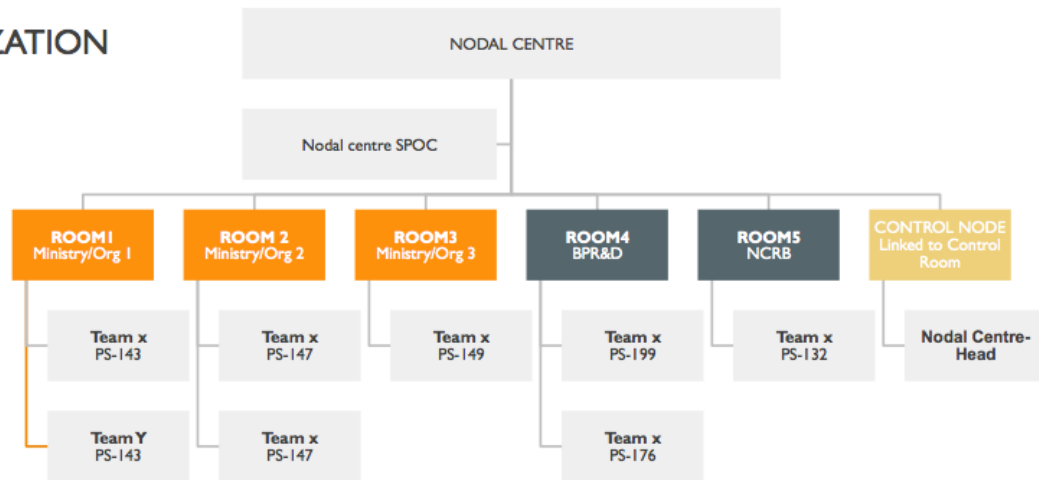
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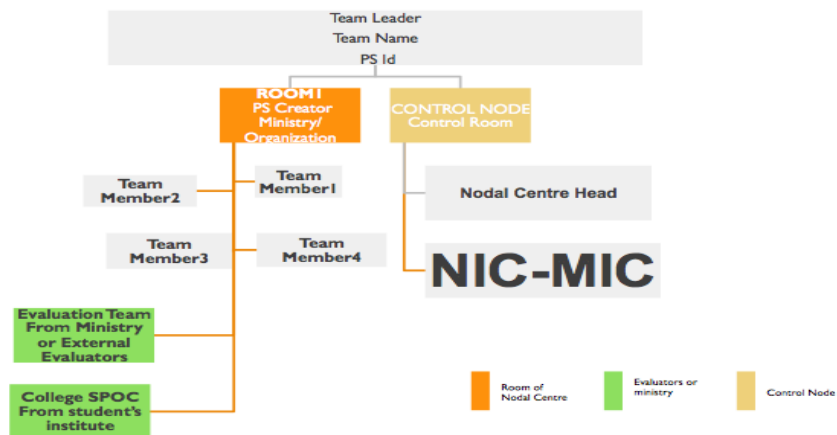
Method can be elaborated in few simple points given below:

1. A virtual/cloud-based web tool that allows all the stakeholders such as Students, Mentors, evaluators, nodal centers, experts and MHRD Officials to get connected via different nodes.

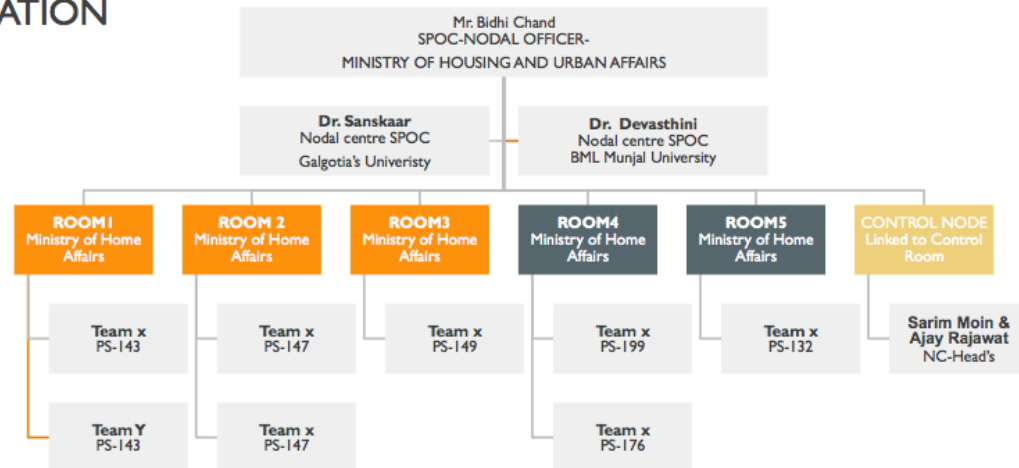
NODAL CENTRE VIRTUALIZATION



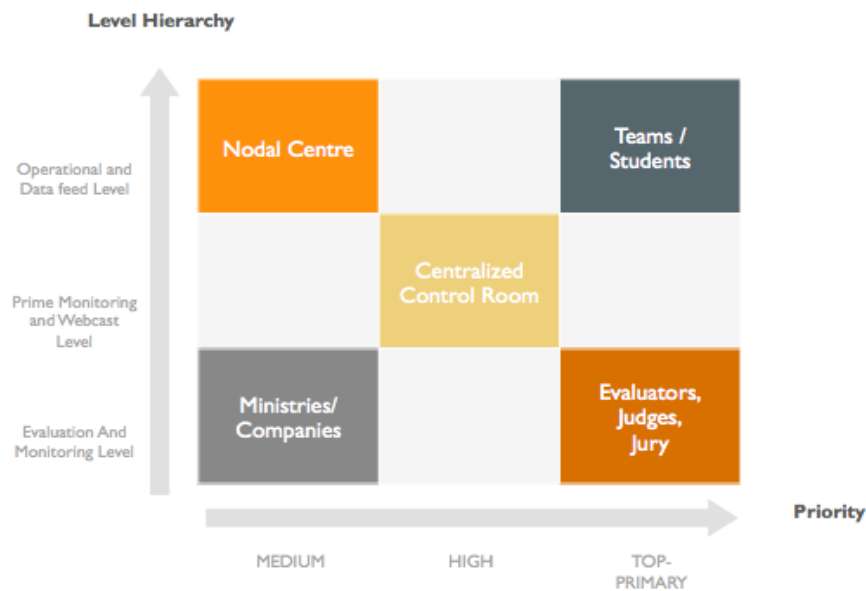
2. As per Students view, the tools will provide them a virtual room connected to cloud and will show all related companies/ministries along with problem statements and description of the same, and at the same time, that particular virtual room Ministry/Company official will also be able to ensure the progress of idea development during Hackathon.



COMPANY/ MINISTRY VIRTUALIZATION



- As per Problem statement creator's view the tools will work as a reporting tools cum streaming console that will allow users to see the progress and interaction with the teams working on their problem statements.



4. The tools will provide all essential reporting methods to ensure quality evaluation along with data storage in a secure cloud.
5. As per evaluators view, the tools will allow the evaluator to ensure the task is moving ahead in the right direction by live feed with teams in presence of ministry/company officials.
6. The tools will also support a webcasting facility that will connect Hon'ble Prime minister, Hon'ble HRD Minister & other senior dignitaries with students, Evaluators, Nodal Centers, and Ministries.
7. The Nodal heads or Experts per nodal center shall manage, coordinate and assist in event related work.

TECHNICAL AREAS:

As per technical aspects, the tool is web based and is developed with help of supporting agencies that helped MIC-AICTE to conduct two hackathons previously with an overwhelming response from institutions. For consideration of prime aspects, here are the tools that can mark ease on the primary entities of SIH 2020 software edition:

1. **Slack** – tools known for its capability of connecting teams and people via modes of thread-based approach that will help the users to increase coordination amongst the topic or problem statements
2. **Live Broadcast**- There shall be a live stream from node to node connections i.e. Ministry/Company to Team & Node to Parent i.e. Team to Nodal center to ensure progress of the events.
3. **Github**: it shall be used to store or fetch existing libraries or other file based codes that are much needed in programming. Also, this feature provides Push requests that allows the team to virtually store the code as submission in order to mark final submission. This feature shall be used for evaluation by the evaluator and as per the quality marks shall be given.

FLOW OF EXECUTION:

- The event is divided into consecutive parts or stages in order to avoid a continuous 36 Hour hackathon event considering limitations of bandwidths and online modality.
- The event shall start by landing page, referred to as [CONTROL ROOM], presided by Hon'ble Prime Minister, Hon'ble HRD Minister, and other senior dignitaries.

- Type of users are defined and their respective dashboards have been designed as per their tasks defined by role. For ex: Ministry dashboard shall show rooms under the problem statements they have submitted, and under each Problem statement, teams shall be listed and their team members will be visible along with task progress and updates.
- Pushing data, we have right now related to problem statements, team details, evaluator details and allocated mentors judges is done precisely by the MIC team with supporting agencies.
- All the stakeholders will be trained on the platform before putting them on the virtual platform through multiple e-sessions and webinars.

APPLICATION FEATURES:

Application will allow us to work on following managements and arrange the flow in proper manner:

- Teams Management
- Companies/Ministries Management
- Evaluators Management
- Judges/Juries Management
- Nodal centers management
- Nodal Centre Head's management
- Live Stream Management.
- Tasks management
- Scheduling management
- Scores/evaluation management.
- Conference Management

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Smart India Hackathon



SIH Hackathon 2020



SKCET has emerged victorious once again!

Jack of all trades and master of none is a well-known saying but this goes wrong at SKCET. It can be easily said that the students of SKCET are jack of all trades and master of everything. Student Teams have actively infused creativity and expertise solutions for the daunting problem statements of SIH 2020, Hardware edition that can leverage the pressing problems faced in our daily lives and have inculcated a culture of product innovation and a mindset of problem solving. Our wall of fame extends across the country as our students continue to win laurels and accolades for our college.

'The harder the battle, the sweeter the victory'

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SIH 2020 HARDWARE HACKATHON



Success is not a 'One-time' event at SKCET

Team Name:Team Cache Fort

Ministry:Department of Science and Technology

Problem statement:PR324-Video Conferencing-Eye to eye contact-Mobile App.

Team Members:

1. B.Jegan Prakash - III CSE
2. K.M. Keerthi Raajan - III CSE
3. S.Parvathynathan - III CSE
4. J.Kiruthik Prakash -III ECE
5. Luis Cruz Govindapillai - III ECE
6. K.K. Karishma - III ECE

Mentor:Ms.A.Priya, Assistant Professor, CSE

First Prize:Rs.1,00,000/-

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We are extremely happy to announce that our team has won SIH hardware edition Hackathon under the problem statement DA193 (Ministry of Ayush)

Team Name- Next Gen

Ministry-Ministry of Ayush

Problem Statement- Virtual Realty Yoga solutions

Team Members

1. Shibil Thomas - III MCT
2. Prawin Shankar -III MCT
3. Ramya -IV ECE
4. Shridhar -III MECH
5. Srinithi -III MECH
6. Monisha -II CSBS

Mentor- Mr.N.Ramachandran , AP/MECH

First Prize- Rs.1,00,000/-

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SIH 2020 SOFTWARE HACKATHON



Team Name: Team Zero_Buggers

Ministry: Ministry of Technical Education, Chandigarh

Problem statement: Tracking and Control of inmate inside the Jail

Team Members:

1.A.Vijayalayan-III CSE

2.V.Swetha- III CSE

3.B.Naveen Kumar- III CSE

4.K.M.Nithin- III CSE

5.T.N.Sanjai Kumar- III CSE

6.Kiran Subramanian- III CSE

Mentor: Dr.S.Balakrishnan, HOD-CSBS

First Prize: Rs.1,00,000/

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SIH Hackathon 2019

(SOFTWARE EDITION)



**SMART INDIA
HACKATHON
2019**

Total Teams submitted Ideas: 50

Shortlisted Teams : 05

Winning Teams : 03

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Short listed Teams

Team 1: Cyber Techz

Team 2: Marvel_Us

Team3: The Rivals

Team 4: 404 Team Found

Team 5: ExpectoPatronum

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Team 1: Cyber Techz

Team Members: J. Harish Sanmugam (Team Leader)

- AkilPrasath R
- Akash S M
- Akhilesh R
- Krupa sugumaran
- Divya Bharathi S

Team Mentor:Ms. A.Priya

Industrial Mentor:T. Praveen

Nodal Centre:S.R.K.R Engineering College, Bhimavaram, Andhra Pradesh

Ministry/Organization: SKF India Private Ltd

Problem Statement :Automated System for material return from customer.

Prize: Won First Prize with a Cash Award of Rs. One Lakh



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Team 2: Marvel_Us

Team Members: R.Priyanka (Team Leader)

- PriyaDharshini
- Somasundaram C
- SaiVikram R
- Yogeshwaran R
- Santhosivan R P

Team Mentor: Dr. M.Sujartha

Industrial Mentor: Mr. Thiyagarajan

Nodal Centre: Gujarat Technological University, Ahmadabad

Ministry/Organization: ISRO

Problem Statement : Finding Neil Armstrong

Prize: Won First Prize with a Cash Award of Rs. One Lakh



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Team3: The Rivals

Team Members: Arun J (Team Leader)

Gowtham U

Balaji Narasiman M. V.L

Ezhil K

Hari Varthini S

Team Mentor: Dr. K.M.Sivabalan

Industrial Mentor:Mr. Ajeeth

Nodal Centre: Sathyabama Institute of Science and
Technology (Deemed to be University)
Chennai

Ministry/Organization: Ministry of Civil Aviation

Problem Statement : –Automated slot allocation algorithm with rationalised block time

Prize: Won First Prize with a Cash Award of Rs. One Lakh



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Team 4: 404 Team Found

Team Members: Ranjithkumar R (Team Leader)

Sathishraj.S

Sathishraj. S

Venkatesh.M

Padmapriya. A.P

Radhakrishnan. A

Team Mentor:Ms. N. Kousika

Industrial Mentor:Mr. Vijay

Nodal Centre: Welingkar Institute of Management Development & Research
Maharashtra
Mumbai

Ministry/Organization: Hindusthan Unilever Ltd

Problem Statement : – Digital Reverse Logistics for Damaged Goods

Status:Participated in Grand Finale



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Team 5: ExpectoPatronum

Team Members: S.Dhayakesh (Team Leader)

- Ashokkumar S
- Aasikaa CMR
- Nithesh M
- Akshaya J
- Ashwini A

Team Mentor: Dr. D. Surendran

Industrial Mentor: Mr. V. Arihenth

Nodal Centre: Gujarat Technological University, Ahmadabad

Ministry/Organization: ISRO

Problem Statement : – Finding neil Armstrong

Status: Participated in Grand Finale



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**SMART INDIA
HACKATHON
2019**



THE RIVALS

MARVEL_US

CYBER TECHZ

10 teams from Sri Krishna College of Engineering and Technology participated in the grand finale of SIH 2019 across India. Out of which, 3 teams from SKCET bagged the First Prize with a cash prize of Rs.1,00,000/- and 1 team won the First Prize with a cash prize of Rs.75,000/-. The details of prize winners are listed below:



The Rivals Team led by J.Arun, III Year CSE, mentored by Dr.K.N.Sivabalan, Professor/IT won the First Prize with a cash award of Rs.1,00,000/- from Ministry of Civil Aviation for the problem statement "Multiple city pair slot allocation to airlines with rationalized block time" held at Sathyabama Institute of Science and Technology, Chennai, Tamilnadu

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Marvel_Us Team led by R.Priyanka, III Year CSE, mentored by Dr.M.Sujaritha, Professor/CSE won First Prize with a cash award of Rs.1,00,000/- from ISRO for the problem statement "Finding Neil Armstrong" held at Gujarat Technological University, Ahmadabad, Gujarat.



The Team **Cyber Techz** led by J.HarishSanmugam, I Year CSE, mentored by Ms.A.Priya, AP/CSE won First Prize with a cash award of Rs.1,00,000/- from 'SKF India Ltd' for the problem statement "Automated system for material return from customer" held at SagiRamakrishnam Raju Engineering College, Bhimavaram, Andhra Pradesh

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2019 WINNERS SHARE THEIR HACKATHON EXPERIENCES



2019 FEEDBACK BY MENTORS



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SIH 2019 SINGAPORE – INDIA **HACKATHON 2019**

**INNOVATION ECOSYSTEM OF SKCET ATTAINS GLOBAL VISIBILITY
WITH 3 WINNER TEAMS BEING INVITED FOR THE SINGAPORE-INDIA
HACKATHON 2019**



Owing to the most innovative solutions displayed by our SKCET teams in SIH 2019, the three winner teams gain excellent opportunities to showcase their work in global forums to compete with innovative youngsters from other Nations and Institutes.

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Date: 2023.05.16 13:48:41 +05'30'

TEAMS:

Team Name: MARVEL_US

Team members:

- Priyanka R
- Priyadharshini.I,
- Somasundaram C
- Sai vikram.R,
- Yogeshwaran
- Santhoshsivan RP

Mentor:

Dr.M.Sujaritha, CSE

Team Name: Cyber Techz

Team members:

- Harish Sanmugam J
- Akash S M
- Akhilesh
- R,Akil Prasath R
- Divya Bharathi S
- Krupa Sugumaran

Mentor:

Prof.Priya A, CSE

Team: The Rivals

Team members:

- Arun J
- Arunan C
- Ezhil K
- Gowtham U
- Balaji Narasimhan MVL
- Hari Varthini S

Mentor:

Dr. K N Sivabalan, IT

SIH Hackathon 2018

(SOFTWARE EDITION)



Idea Submission: November 2017-jan 2018

EventDate: 30-3-2018 and 31-3-2018

Numberofsubmissions: 67

NumberofSelection: 8(CSE-4)

Numberofprizes: 2 (CSE-1)

Winner Team: TheCheerUp Souls

PERSISTENT INSPIRATIONAL AWARD (4thrunnerup) with cashprize of Rs. 10000 at Banaras Hindu University Nodal Centre, Varanasi.

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Team1

Team Name : The Cheer Up Souls

Team Leader : Ramya M

Nodal Center : Banaras Hindu University, Varanasi

Ministry : Ministry of Water Resources

Problem Statement : Collection of data in respect of Distressed Dam Condition





Attended Power Judging Round – The team was in top 12.



The team bagged PERSISTENT INSPIRATIONAL AWARD (4th runner up)
with cash prize of 10,000/-

Team2

Team Name : The Rivals

Team Leader : Arun. J

Nodal Center : GTU, Shivanand Ashram, Ahmedabad

Ministry : Department of Space (ISRO)

Problem Statement : Location based Services offline Routing MobileApp (ISR9)



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Date: 2023.05.16 13:51:04 +05'30'

TEAM 3

Team Name : Skcet Brainiacs
Team Leader : Nivetha M
Nodal Center : Sri Venkateshwara College of Engineering, Bangalore
Ministry : **Ministry of Defence and Production**
Problem Statement : Paper less Office (# Mod12)



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Team4

Team Name : Tech Mayhem

Team Leader : Rohit R

Nodal Center : CVR College of Engineering, Hyderabad

Ministry/Government : Government of Telangana

ProblemStatement : SMART FRRO SYSTEM (#GTS9)



SIH Hackathon 2017



No. of Ideas Selected : 11

MCA : 2

EEE : 2

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Date: 2023.05.16 13:52:59 +05'30'

TEAMS:

1. #CA9 Airport Authority of India, Ministry of Civil Aviation Allahabad

Problem Statement : Commercial Promotion

Use the location of the customer using their GPS/blue-tooth and providing real-time distances and “ET” or time to reach their departure gates based on their current locations at the airport. Also provide details of all the airport shops, facilities, promo offers and discounts in these stores to the customer on their app.

Sample Data Required: No.

TEAM NAME: **Applicators**

LOCATION: ALLAHABAD,UP

Team Members:

1.Rashmi P Nayak	II CSE
2.Praveen Kumar D	II CSE
3.Naveen M	II CSE
4.Parikshith Mohan	II CSE
5.Manoj A	II CSE
6.Rakesh G	II CSE
MENTOR :Mr. ArunKumar A	AP/CSE

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Date: 2023.05.16 13:53:57 +05'30'

2. #MES29 Ministry of Earth Science, Chennai

Problem Statement :Map plotting of earthquake

The software should support selection of multi-configurations with click for various options, such as i) plotting of recent earthquake ii) plotting past earthquakes from the database in a text file, iii) limiting the plot of past earthquakes to a particular year, month, date and magnitude, etc. iv) color schemes (option to configure color of icons) v) size and color of symbol (circle, square, triangle, etc.) according to the magnitude, focal depth and time of occurrence of earthquake vi) plotting the selected (or all) seismic observatories in the area of interest vii) depicting the seismic zones, tectonic features and hazard map with Latitude and Longitude information viii) District and State boundaries with important towns and cities, ix) legends, etc.

TEAM NAME:**Atomises**

LOCATION:CHENNAI,TAMILNADU

1.Parikshit S Lakhani	II CSE
2.Ramya Prabha K	II CSE
3.Ruddhika M M	II CSE
4.Samuel Johnson R	II CSE
5.Navneeth V	II CSE
6.Sanjay B	II CSE
MENTOR : Mr.Senathipathi K	AP, CSE

3. #RH7 Ministry of Road Transport and Highways , Nagpur

Problem Statement :**Nearest Public Transportation facilities**

An app to locate nearest bus stop along the National Highways with details regarding schedule of buses passing and other facilities, if any available.

TEAM NAME:**TESSELLATE**

LOCATION:**NAGPUR,MAHARASTRA**

1.Vinodh Raaj R J	II CSE
2.Somasundaram S	II CSE
3.Parthiban M	II CSE
4.Srivatsan D	II CSE
5.Vaishnavi Devi U	II CSE
6.Snehaa S	II CSE
MENTOR: Dr. S.Chandrakala	Professor, CSE

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Date: 2023.05.16 13:55:34 +05'30'

4. #TOU2 Ministry of Tourism, Cochin

Problem Statement : **Developing a Live Tourism Map of India**

Ministry of Tourism is interested in developing a live tourism map of India that should show important tourism landmarks in the country, interactive and user friendly.

TEAM NAME : **CONTINUUM**

LOCATION : COCHIN, KERALA

1.Ajeeth Kumar A	III CSE
2.Anandha Vishnu P	III CSE
3.Jothi Arul Prakash P	III CSE
4.Kaleeswari D	III CSE
5.Emmanuvel J	III CSE
6.Avinash S	III CSE
MENTOR: Mr. V.Muneeswaran	AP, CSE

5. #NER4:Ministry of Development of North Eastern Region, Assam

Problem Statement : **Explaining the famous products of NER**

- Mobile App to explain the details of famous products (Bamboo products, Agriculture, etc.) of north east state wise which can be interfaced with the website of Ministry of DoNER and solve following problems related to products
- Availability/Accessibility of products.
- Advantages of products.
- Digital Marketing of Products (like NEHHDC and NERAMAC, for example the cost in the market of these products is often less than even from purchased online and to create awareness among people to purchase these products).
- Handicrafts and handlooms in NE Region may be popularized by building a mobile app may be developed which may provide details related to different types of traditional handlooms and handicrafts as per the person's current location ,his interest in particular dress form/state in NER. He can also upload the image of the dress and check the history related its origin and its transformation.

Sample data required: Yes; Images of various handlooms and handicrafts, google maps.

TEAM NAME:**THE EASTERN 8**

LOCATION:GUWAHATI,ASSAM

1.Soundarya S	II EEE
2.Varshanapriyaa S	II EEE
3.Dinesh S	II EEE
4.Arun Kumar R	II EEE
5.Chandru M	II EEE
6.Boobesh P	II EEE
Mentor: Ms.Deepika S	AP, CSE

6. #MS18 Ministry of steel , Indore

Problem Statement : **Accessing server data without storing in local devices**

Users of FSNL shall be able to access the data on any server they are authorized to access, but will not be able to store data on the mobile/computer device through which they are accessing the server.

Sample data required: No

TEAM NAME:**ASPIRANT**

LOCATION:INDORE,MP

1.Abishek M B	II MCA	21/01/1995
2.Sasidharan S	II MCA	26/04/1995
3.Rahul R	II MCA	29/07/1993
4.Sakthivel C	II MCA	18/10/1994
5.Baladeepak L	II MCA	23/05/1995
6.Divyakumari G	II MCA	19/04/1996
Mentor: Dr.Shanthi P	AP MCA	19/08/1978

7. #FP8 Ministry of Food Processing, Amritsar, Punjab

Problem Statement : App of small videos on food processing techniques for farmer community

- Inadequate cold chain facilities spoil perishable agri-produce.
- Processing prevents perishable agri-produce from spoiling.
- Inexpensive and home operable processing techniques can help farmers stock food.
- Stocked food can be consumed or sold alleviating poverty.
- The app would provide exposure to the farming community of best global practices on home based processing techniques.

Sample data required: NO

TEAM NAME:BURNING SNOW

LOCATION:AMRISTAR,PUNJAB

1.Sindhuja S	II MCA
2.UthaySankar R	II MCA
3.Nandhini S	II MCA
4.Ramya S	II MCA
5.Muthu Priya L	II MCA
6.Kavya Kesav K	II MCA
Mentor: Ms. Regisanne W	AP, MCA

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8. #MS8 Ministry of steel , Indore

Problem Statement : **Railway Wagon number Tracking in Steel Plant**

In Steel Plant, Railways goods wagons are weighed through automated means. However, the identification of wagons is done manually by the operator. A software to automatically read the wagon number and capture this information in computer is sought.

Sample data required: No

TEAM NAME:**HACKBORNS**

LOCATION:INDORE,MP

1.Arunkumar A	II ECE	06/05/1999
2.Karthikeyan D	II ECE	14/11/1998
3.Fahima F	II ECE	05/10/1998
4.Akshaya Anand	II ECE	11/01/1999
5.Jaisree S B	II ECE	22/12/1998
6.Aneesh Kumar J	II ECE	02/06/1999
Mentor: Mr. Ratheeshkumar	AP, IT	09/04/1976

9. #MS7 Ministry of steel , Indore

Problem Statement : Material Quality Tracking from Caster to Rolling Mill in Steel Plant

Blooms, Billets, Rounds, Squares, Channels, Angels, etc. are the primary products of Steel Plant. These items are required to be tracked for their chemical and mechanical qualities through a unique identifier or tag. A Software using simulation for tracking them is sought.

Sample data required: No

TEAM NAME:INGENIOUS EFFECTORS

LOCATION:INDORE,MP

1.Amirthaa Sri K S	II ECE	
2.Kaveinaya M	II ECE	
3.Anusha M	II ECE	
4.Apoorva T R	II ECE	
5.Keerthanaa B	II ECE	
6.GnanaPradeepa V	II ECE	
Mentor: Ms. Saranya V	AP, IT	

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10.#MS14 Ministry of steel , Indore

Problem Statement : **Mobile apps for project monitoring**

MECON is an engineering consultancy organisation under Ministry of Steel, GoI. As part of our everyday work, we manage various projects for our clients. There is no mobile based application for project management and monitoring which can have following features:

- Should be compatible with IOS, Windows and android platforms.
- Should have user friendly graphical user interface
- Should display the critical milestones of the project
- Should send mobile alerts whenever a milestone date is approaching and warn in case it has already failed
- Should provide controlled access to the projects
- Should display data in graphical/ chart forms
- Should display real time S-curves to show project progress
- Should monitor actual progress against scheduled progress
- Customizable to add new project

Sample data required: No

TEAM NAME: **Logic Viewers**

LOCATION:INDORE,MP

1.Harish Kumar G S	II ECE	27/07/1998
2.Ajay S	II ECE	09/11/1998
3.Abhimanyu Anilkumar	II ECE	26/01/1998
4.Aqil Nazeer	II ECE	08/01/1998
5.Janani Priyadharshini S K	II ECE	28/10/1998
6.Hema Priya S	II ECE	10/06/1999
Mentor: Mr. Venkatachalam K	AP, IT	22/05/1982

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11.#MS10 Ministry of steel , Indore

Problem Statement : **Online Validation of Test Certificate of products in steel plant**

Test Certificate of finished goods in Steel Plant are generated for a sampled lot of products. The products are procured by Purchaser and Purchaser in turn sell the products in separate lot to multiple customers and copies of the Test Certificate are given to each customer which may leads to commercial misuse. Solution like online validation of such transfer certificate is sought.

Sample data required: No

TEAM NAME : **Priory of Sion**

LOCATION:INDORE,MP

1.Bharath Kumar V	II EEE	27/04/1997
2.Irshad S M	II EEE	24/02/1997
3.Ajesh Wilfred P	II EEE	24/09/1996
4.Mahadevan R	II EEE	05/10/1995
5.Harini R	II EEE	12/08/1996
6.Gayathri K	II EEE	02/11/1996
Mentor :Ms. Chitra P	AP, IT	07/06/1981

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ASEAN INDIA HACKATHON 2021

ASEAN-India Hackathon 2021

A joint Hackathon between India and ASEAN Countries



BRUNEI



THAILAND



MYANMAR



LAOS



INDONESIA



MALAYSIA



PHILIPPINES



CAMBODIA



SINGAPORE



VIETNAM



INDIA

ASEAN INDIA HACKATHON 2021



ASEAN – India Hackathon 2021 student winners have been awarded \$2700 each for providing an intuitive and novel solution to the problem statements. They competed digitally with peers from 10 other countries, in an International platform and have emerged triumphant, under the dynamic mentorship of Ms.A.Priya, CSE.

Team Members:

1. Luis Cruz Govindapillai – ECE
2. Keerthi Raajan – CSE
3. S.Parvathy Nathan - CSE
3. J.Harish Shanmugam - CSE
4. R.Akhilesh – CSE

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Date: 2023.05.16 14:02:59 +05'30'

Team No: 7

Problem Statement:PS-07 Traffic Management system in coastal regions.

Team Members:

Luis Cruz Govindapillai (III ECE B)

Yukta Piyush Shah (India)

Toh Wu Waynn (Malaysia)

Siti Alawiah (Indonesia)

VotanaSrey (Cambodia)

Meanhout LOR (Cambodia)



Team No :10

Problem Statement:PS 10- To track, provide alert to ships before piracy attack and continue to pin point track the attacking boat info to CG etc..

Team Members:

Keerthi Raajan K M- Team Leader (III CSE A)

Bui Hong Ngoc (Vietnam)

OrnSivEng (Cambodia)

Shruti Rampure (India)

Sakshat Rao (India)

Swapnil Panwala (India)



Team No: 37

Problem Statement:PS 4- Fishing boat Activity Clustering and Timeline Studying (FACTS)

Team Members:

Parvathynathan S-Team Leader (III CSE C -TCS)

Beexiong (Laos)

Thaw NadiMyintOo (Myanmar)

Manfred Michael (Indonesia)

Shannen Sanchez Ermi (Philippines)

Lai Jia Shyan (Brunei)



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Date: 2023.05.16 14:03:52 +05'30'

Team No: 39

Problem Statement: PS 6- Automated Animal Identification and Detection of Species (AAIDeS)

Team Members:

Harish Sanmugam J - Team Leader (III CSE A)

Touyangthortou CHONGXUEYANG (Laos)

Anika Putri Utami (Indonesia)

May Myat Noe Oo (Myanmar)

MrChanTaNoou XAIYASONG THOR (Laos)

Muhammad HassanulAriffin Haji Ibrahim (Brunei)



Team No: 54

Problem Statement:

PS 6- Automated Animal Identification and Detection of Species (AAIDeS)

Team Members:

Akhilesh R (III CSE A)

Prashant Sengar (India)

Emma Soriano (Phillipines)

Prasidya Pramadresana Saftari (Indonesia)

Hardeep Kaur A/P Harpal Singh (Malaysia)

Zu Zan Win (Myanmar)



SKCET MENTOR:

Ms.A.Priya, Assistant Professor/CSE

ASEAN INDIA HACKATHON 2021

Team ECE, Won a first prize and cash award of Rs. 1,00,000 in SIH 2019 , under ministry of Steel team participated in ASEAN-INDIA Hackathon 2021 conducted among 10 ASEAN countries and INDIA towards closer economic development through collaboration in education, science and technology and won the first prize and \$2700 for each members.



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SKCET | ASEAN HACKATHON WINNING TEAM GREET



5 SKCET students have been selected for ASEAN-INDIA Hackathon 2021. It will be a 36 hours' hackathon being conducted among 10 ASEAN countries and INDIA towards closer economic development through collaboration in education, science and technology. All winners of SIH 2020, 2019 and SIH 2020 Hardware L3E shortlisted students were nominated for the selection procedure of ASEAN India hackathon 2021. Around 1300 students appeared for the technical test conducted followed by an interview and after rigorous procedure, around 50 students selected across the country. The 36 hrs Grand Finale for ASEAN-INDIA Hackathon is scheduled from 1st-3rd February 2021

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SKCET | IIC PERFORMANCE RATING 2021



**SRI KRISHNA COLLEGE OF ENGINEERING
AND TECHNOLOGY**

An Autonomous Institution / Affiliated to Anna University
Accredited by NAAC with 'A' grade
Kuniamuthur, Coimbatore - 641 008



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)

(Ministry of Education Initiative)

IIC PERFORMANCE RATING 2021



SKCET PROUDLY MARCHES AHEAD WITH 4 GOLDEN STARS



Congratulations

JANET

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27th Nov - 3rd Dec, 2021

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SKCET | IIC PERFORMANCE RATING 2021

**Institution's Innovation Council (2020-21)
Annual Performance Result Announcement**

Date: 1st December 2021
Time: 03:30 PM

CHIEF GUEST

PROF. ANIL SAHASRABUDHE
CHAIRMAN, AICTE

GUEST OF HONOUR

PROF. RAJNEESH JAIN
SECRETARY, UGC

Join Us **YouTube LIVE**
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PROF. M P POONIA
VICE CHAIRMAN, AICTE

PROF. RAJIVE KUMAR
MEMBER SECRETARY

DR. ABHAY JERE
CHIEF INNOVATION OFFICER, MIC

@mhrd_innovation

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IIC OF SKCET SPARKLES WITH 4 GOLDEN STARS

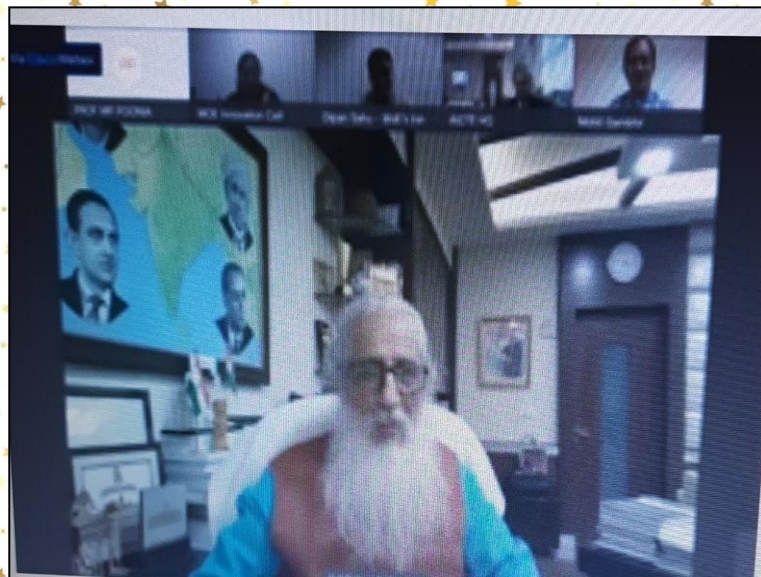
Our achievements are shaped by the strength of the foundations we set!

The Institutions Innovation Council (IIC) of SKCET has been bestowed with **4 golden stars** and **100 full points** for its outstanding performance for the year 2020-2021 in the performance ratings published in the annual performance result announcement event on 1.12.2021. The council highly appreciated IIC team of SKCET for the successful organization of SIH, Toycathon and many more events pertaining to Innovation, IPR and Entrepreneurship. Chief Guest of the event **Prof. Anil D. Sahasrabudhe**, Chairman, AICTE and Guest of Honor, **Prof. Rajneesh Jain**, Secretary, UGC addressed all the IIC members of IIC institutions, Innovation Ambassadors (IAs) and student participants of National Innovation Contest (NIC).

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The pursuit of excellence has no end!

The **Academic Leadership Team of SKCET** witnessed the glorious moment. It was a memorable occasion for our **Principal Madam** - President of IIC, Convener **Dr. P. Ashoka Varthanan**, Heads of Various Departments and the faculty fraternity.

SKCET | IIC PERFORMANCE RATING 2021 - GLIMPSES



Via Cisco Webex

IIC Annual Performance 2020-21

Zone wise IIC Institutions	Stars Obtained				Grand Total
	1-1.5 Stars	2-2.5 Stars	3-3.5 Stars	4 Stars	
Central/CRO	26	20	35	30	216
Eastern/ERO	29	18	33	20	245
Northern/NRO	27	15	32	28	200
North-West/NWRO	32	26	59	36	337
South-Central/SCRO	40	27	46	45	307
Southern/SRO	59	39	100	95	400
South-West/SWRO	61	30	45	41	409
Western/WRO	78	40	73	44	467
Grand Total	352	221	423	370	2680

Dipan Sahu - MoE's Inn



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