

भारतीय गैर न्यायिक

एक सौ रुपये

Rs. 100

रु. 100

ONE
HUNDRED RUPEES

सत्यमेव जयते

भारत INDIA

INDIA NON JUDICIAL

தமிழ்நாடு தமிழ்நாடு TAMILNADU

CZ 518520

₹ 100/- V. ராதிகா
2.6.23 Hosur

E. Palanisamy
E. PALANISAMY
S.V.D. L. NO 734 / B1 / 2003
SHOOLAGIRI, Krishnagiri-(Dt)

MEMORANDUM OF UNDERSTANDING

SERVICE AGREEMENT

This SERVICE AGREEMENT is made and executed at on the 01st Day of June 2023 at Hosur, Krishnagiri, District, Tamilnadu, India:

BETWEEN

Innovate Engineering Products, a company incorporated under the Companies Act, 1956, having its registered office situated at First Floor 41-B Rayakotta Housing Board, Rayakotta Main Road, Hosur 635109, (the "IEP," which expression shall unless the context otherwise requires, include its successors and permitted assigns) represented by its authorised signatory Mrs.V.Radhika ONE Part;

AND

Er. Perumal Manimekalai College of Engineering, having office at Er. Perumal Manimekalai College of Engineering Campus, Hosur to Krishnagiri Highways, Koneripalli (PO), Hosur, Nallaganakothapalli, Tamil Nadu 635117, represented by its Chairman Thiru P.Kumar, which would refer as "Institution Partner, which expression shall unless repugnant to the context or meaning thereof, be deemed to include its successors-in-interest of the part of the SECOND Part;

For Innovate Engineering Products

V. Radhika

Proprietor

P. Kumar
CHAIRMAN

Innovate Engineering Products and **INSTITUTION PARTNER** are hereinafter individually referred to as "**Party**" and collectively as "**Parties**."

- a. Innovate Engineering Products, Hosur (referred to as IEP henceforth)
- b. Er. Perumal Manimekalai College of Engineering, Hosur (referred to as PMC Tech henceforth)

WHEREAS

- A. Innovate Engineering Products is a company registered under the Companies Act, 1956 with registered GSTIN number 33BULPR6278K1ZV and UDAYAM registration number UDAYAM-TN-11-0018565 established in the year 2019 as electronics and automation products trading and assembling with E-commerce business platform committed to provide cost effective quality products and technical training to end user using advanced cutting-edge technologies.
- B. Er Perumal Manimekalai College of Engineering (PMC Tech) higher learning institution is the Er.Perumal Manimekalai Trust Group of Institutions having, Er.Perumal Manimekalai Polytechnic and Er.Perumal Manimekalai Industrial Training Institute as the group of institutions under the Trust situated in the same campus. The primary services of this Group institutions are providing higher educations in the field engineering and allied specializations training and development activities, Innovation and Entrepreneurship development services for the college students, also to offer the Skill related training in line with the industrial requirements. Also, the PMC Tech planning to establish and support the Centre of Excellence activities compatible to suit the students' requirements ultimately to prepare students for Industry Ready.

NOW, THEREFORE, the Parties agree as follows:

1. ENGAGEMENT

- 1.1. IEP agrees to engage with INSTITUTION PARTNER subject to and in accordance with the SCOPE OF WORK mentioned in scope of work detailed in Section 2 and BOTH PARTIES agrees to fulfill its obligations in accordance with the conditions of this Service Agreement.
- 1.2. In performing its obligations, BOTH PARTIES shall act with reasonable care in a diligent and competent manner.

2. SCOPE OF WORK

- 2.1. IEP agrees to engage with INSTITUTION PARTNER and will act as Skill training partner for students of the INSTITUTION in a mutually agreed way and to the students of the agreed branches of engineering and to provide Train the Trainer (ToT) training activity for faculty members, conducting FDPs and primarily establishing a "CENTRE FOR PRODUCT DEVELOPMENT" in the space provided at PMC TECH CAMPUS and to ensure quality delivery of projects and product development leading to patent with commercialization as defined by PMC TECH Centre for Product Development.
- 2.2. IEP shall identify suitable trainings and to offer the skill trainings in the agreed branches of students who shall be well placed in industries or become an entrepreneur after the successful completion of their studies at PMC TECH Campus.

This MoU is proposed in order to establish a "PMC Tech Centre for Product Development" at the premises of PMC Tech, Hosur under the service agreement MoU with M/s IEP, Hosur as a vendor to establish the Centre for Product Development.

Through this Memorandum of Understanding, the two parties agree to the following:

- (a) **A steering committee** will be set up to monitor the activities of the MoU. The committee will consist of the Manager Institute Relations, IEP and Steering Committee SPOC of PMC Tech Hosur. With mutual consent, the steering committee can be expanded to include more members from the two parties. The steering committee will be the supreme body as far the implementation of the activities of the MoU, the continuation of the MoU, and termination of the MoU are concerned.
- (b) **Validity of MoU:** This MoU is valid for the next four academic years from below mentioned date (i.e., 2023-24, 2024-25, 2025-26, 2026-27) i.e., from the first batch of the students enrolled after the autonomous status of the PMC TECH institution and till their program completion tenure of 4 years of engineering degree program.
- (c) **IEP Setup:** PMC will provide space for establishing the "CENTRE FOR PRODUCT DEVELOPMENT" at PMC TECH Campus & IEP will establish the Centre with mutually agreed plans. The Product Development Centre in-corporate with skill training in the area of 2000 sq.ft with all the necessary amenities with mutual discussion and agreement. The electricity bills, rent is set free from the establishment till the MoU in effect. Other infrastructure Utilization charges if any

will be decided on case-to-case basis depends on the requirements of IEP. IEP will train the students and faculty to file minimum of 3 patents per academic year under each department allocated. For the IEP Skill Training program, IEP to provide components for the training and any additional component requirements, students may utilize the IEP e-commerce platform for procuring components.

- (d) **Technical Support:** IEP will conduct the skill training program for all the students from the department of Electronics and Communication Engineering, Electrical and Electronics Engineering, and Mechatronics Engineering in a semester wise activity. The skill training course content is framed accordingly with the various Industry/ World skill/ India skill guidelines. The PMC faculty has full rights to modify the syllabus content according to the guidelines of PMC TECH – BoS (Board of study) requirement. The mutually agreed skill training fee and the year-on-year activity mentioned in the Annexure A and Annexure A1
- (e) **Technical Documentation:** IEP will provide required technical documents/User Manuals and Demo Examples before the commencement of each and every skill training program via either softcopy or hardcopy. At the end of each skill training program a proper document with all the assessments, student performance index will be submitted to the concern department Heads for their documentation purpose and also in any other format prescribed by PMC Tech so as to meet their NAAC / NBA / Autonomous formats if any.
- (f) **Warranty:** Hardware Tools Supplied (consumables excluded) from IEP commercial will carry a standard warranty period of 12 months. This warranty is only applicable for Manufacturing or Technical Faults and correspondingly IEP will replace the Hardware. Warranty won't be applicable for any damage caused to equipment's due to mishandling or Power fluctuations subject to the verification and validation of the factual evidences in a mutually agreed manner.
- (g) **Enriching verticals:** The other verticals apart from the skill training (Annexure- A) are listed in the Annexure-B are subjected to adopt on requirement basis and the fee will differ from case-to-case basis. The details are enclosed in the Annexure - B.
- (h) **Additional programs Fee:** Apart from the skill training program, if the concerned department requests for workshops/ Guest Lecture/ FDP/ STTP, IEP is always committed to handle the same and respective fee will be collected from the concern department with the prior approval from the PMC Tech management.
- (i) **Internship:** Under IEP-Institute Relations, Internship for duration of 2-4 weeks will be offered to students who performed well during the skill training period.

Students are requested to arrange their own Lodging & Boarding. After the successful completion he/she will be offered with an Intern trainee position with IEP and their allied industry partners (Maxine Automation, Brave Automation, Techtzo Solutions etc.) on their 5th and 6th semester study program with industry paid internship activity based on PMC Tech & University norms.

- (j) **Project cum Product Training:** Student will undergo training in IEP or any other industry guidelines in completing their mini projects and final year projects under IEP-PMC banner for the technical product development.
- (k) **Certifications: Under IEP-Institute Relations,** after all the successful completion of the skill training program conducted by the IEP, the students will receive the company authorized e-certifications under the PMC-IEP banner.
- (l) **Publicity through Media:** The PMC Tech has full rights to publish about the MoU / activity conducted by the IEP at PMC Tech in any social media platforms (or) other external communications in electronic (or) print media without explicit permission from IEP, only if the content comes under IEP-PMC banner. Apart from the mentioned. In case PMC Tech wants to do so, a prior discussion from IEP is highly solicited. Also, in case IEP wants to disclose or use the PMC Tech Logo or activities happening within the boundary of the campus and beyond the boundary a prior discussion written permission to be obtained from PMC Tech.

INDEMNITY

The INSTITUTE PARTNER- PMC TECH shall indemnify and keep indemnified and defend the IEP, its officers, employees, agents, etc. and hold IEP harmless against any claim, damage, liability, cost, expense, and other loss of any kind whatsoever including but not limited to personal injury or damage (including reasonable fees and expenses of attorneys) caused by any of their employees, agents, sub-contractors, etc. in connection with this Service Agreement.

M/s IEP shall indemnify and keep indemnified and defend the PMC TECH – INSTITUTE PARTNER, its officers, employees, agents, etc. and hold PMC TECH harmless against any claim, damage, liability, cost, expense, and other loss of any kind whatsoever including but not limited to personal injury or damage (including reasonable fees and expenses of attorneys) caused by M/s IEP or any of their employees, agents, sub-contractors, etc. in connection with this Service Agreement.

INTELLECTUAL PROPERTY RIGHTS (IPR)

During the period of agreement on live and even after expiration of the agreement/MoU, M/s IEP will not disclose and use the research activities, or any other IPR related information belongs to the PMC TECH and its Group institutions to the outside agencies without the written consent from the PMC TECH management authorized officials.

CONFIDENTIALITY

Each Party shall take all necessary care to ensure that the information provided by the other party remains confidential and further agree not to use the Confidential Information for any purpose other than the purpose for which they are intended. The Parties shall not disclose any Confidential Information to anyone other than the employees of their organization who have a need to know the Confidential Information and/or the statutory authorities. The obligation of the confidentiality shall subsist until the expiration of this Service Agreement.

Upon the expiration of this Service Agreement each Party shall, upon the other Party's first request, return to the other Party all documents, plans, drawings, sources, electronic media or any other source or papers relating to the affairs of the other Party, which may be in its possession or under its control.

DURATION

This Service Agreement shall be valid for a period of 4 years starting from the 02nd June 2023 (Effective Date) and can be further extended if mutually agreed between both Parties.

TERMINATION

Each party may terminate this Service Agreement (MoU) without cause by giving thirty (30) days' notice in writing to the other Party. Each Party may further terminate this Service Agreement with immediate effect if the other Party is in default of a material obligation and has not remedied the same within 30 days after having received appropriate notice by the other Party.

The Party exercising this right shall inform the other Party of the alleged breach and call for an explanation. In case of any termination, the Parties shall allow sufficient time to ensure completion of any ongoing training program.

ARBITRATION

In case of any dispute or differences between the Parties in respect to the interpretation or implementation of this Service Agreement, or any other dispute whatsoever in connection with or relating to this Service Agreement, the same shall be settled by arbitration.

Both the Parties shall mutually appoint one arbitrator and any decision, determination or award of the Arbitrator shall be binding on the Parties. The cost of arbitration shall be shared by the Parties in equal proportion, the venue of the arbitration shall be HOSUR, and the language of arbitration shall be English.

RELATIONSHIP

This Service Agreement does not create a joint venture, partnership or other formal business relationships or entity of any kind, or an obligation to form any such entity relationship or entity between the Parties. Each Party acts as an independent contractor and not as an agent of the other Party for any purpose including employment related laws.

FORCE MAJEURE

Neither Party hereto shall be considered in breach of this Service Agreement if it fails to perform or observe any or all of the terms of this Service Agreement as a result, directly or indirectly, of an incident of force majeure. Force majeure shall include but not be limited to, acts of Civil or Military authority, acts of Government, acts of Public Enemy, war, riots, explosion, earthquake, flood, storm, pandemic, etc.

In such a case, the affected Party shall notify the other Party of the occurrence of such an incident and be released from its obligations for the duration of such incident. If an incident of force majeure prevents the performance of this Service Agreement MoU for more than six months, each Party shall have the right to terminate this Service Agreement.

SEVERABILITY

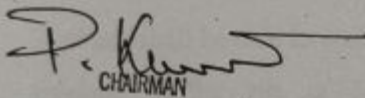
If any of the provision of this Service Agreement is declared to be invalid, such provision shall be severed from this Service Agreement and the other provisions thereof shall remain in full force and effect.

NON-POACHING

During the term of the currency of the Project or for such time that this Service Agreement is valid and for 12 months after expiry or termination of this Service Agreement, the M/s IEP shall not without the prior written consent of the PMC TECH, either directly or indirectly, or on the its own behalf or on behalf of others, solicit or attempt to solicit, divert or hire away any employee or consultant employed by the PMC TECH.

During the term of the currency of the Project or for such time that this Service Agreement is valid and for 12 months after expiry or termination of this Service Agreement, PMC TECH shall not without the prior written consent of the M/s IEP, either directly or indirectly, or on the its own behalf or on behalf of others, solicit or attempt to solicit, divert or hire away any employee or consultant employed by the M/s IEP.

Er. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING


CHAIRMAN

Authorized Signatory:

Er. Perumal Manimekhalai College of
Engineering, Hosur

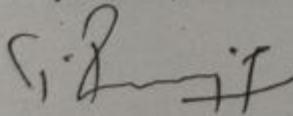
Name: P. Kumar

Designation: Chairman

Seal:



Witness:

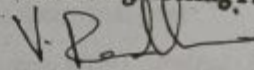


[DY. T. RAJESH]

Technical Lead.

IEP, Hosur

For Innovate Engineering Products



Proprietor
Authorized Signatory:

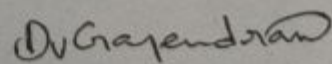
Innovate Engineering Products, Hosur

Name: V. Radhika

Designation: Managing Director

Seal:

witness



D. GRAYENDRAN

Manager Innovation Centre.

ANNEXURE - A

SKILL TRAINING PROGRAM

Domain specific training for all the allotted branches, Foundation skills for first year students, and arranging skill training programs for intra college students:

Planning:

- Each semester shall have a skill training around 45 hours
- Prepare the syllabus book, work logs etc.,
- The IEP skill trainers along with PMC faculty member from the Institute innovation labs will handle the skill training under the supervision of IEP
- Depute ToT program trained faculty member from the department to assist for the particular skill training

Outcomes:

- Students shall be able to compete in the National/ International competitions
- Students shall be able to build the best projects in their final year
- Increase in the No. of Journal Papers (Scopus/WoS), Patent filing and Product Development.
- As per the discussion, the separate fee structure for the non-autonomous students and the autonomous students is given in the Table 1.1, and it is applicable to the following batches given in the Table 1.2 and 1.3 respectively. The following are discussed and approved by the management:
 1. For the current ongoing First year (Second semester)
 2. For the upcoming First year expected to join by August 2023 (Autonomous batch)
 3. For the above Sl.Nos. 1& 2 batches, the agreed training fee is Rs. 40/- Per hour
 4. Current batches of 2nd year / 3rd year that is IV and VI semesters respectively will be charged Rs. 30/- Per hour

The above information's are tabulated below: Table 1.1, 1.2 & 1.3

Table 1.1: Skill Training Fee Estimation

S.No.	Students Batch	Description	Training cost student
1.	Non – Autonomous	Training cost for a student/ Skill Training (Estimated Training Hours-45hrs) <ul style="list-style-type: none"> • Training fee per hour is Rs.30/- • Infrastructure facilities will be utilized (Classrooms + Labs + Computer Centre) with prior permission from the institute • Any shortfall of infra will be recommended for the procurement for the corresponding skills. On approval training sessions will be planned with a mutually agreed training calendar 	Rs.1350/-
2.	Autonomous	Training cost for a student/ Skill Training (45hrs) <ul style="list-style-type: none"> • Training fee per hour is Rs.40/- • Infrastructure facilities will be utilized (Classrooms + Labs + Computer Centre) with prior permission from the institute • Any shortfall of infra will be recommended for the procurement for the corresponding skills. On approval training sessions will be planned with a mutually agreed training calendar 	Rs.1,800/-

Table 1.2: Skill Training Fee Applicable Batches (Non – Autonomous)

Students Batch	2022-23 (even)		2023-24 (odd)		2023-24 (even)		2024-25 (odd)		2024-25 (even)		2025-26 (odd)	
	Yr	Sem	Yr	Sem	Yr	Sem	Yr	Sem	Yr	Sem	Yr	Sem
Non – Autonomous			IV	VII								
			III	V	III	VI	IV	VII				
	I	II	II	III	II	IV	III	V	III	VI	IV	VII

Table 1.3: Skill Training Fee Applicable Batches (Autonomous)

Students Batch	2023-24 (odd)		2023-24 (even)		2024-25 (odd)		2024-25 (even)		2025-26 (odd)		2025-26 (even)		2026-27 (odd)	
	Yr	Sem	Yr	Sem	Yr	Sem	Yr	Sem	Yr	Sem	Yr	Sem	Yr	Sem
Autonomous	I	I	I	II	II	III	II	IV	III	V	III	VI	IV	VII
					I	I	I	II	II	III	II	IV	III	V
									I	I	I	II	II	III
													I	I

Departments with the Skill Curriculum

Note: Any skill program Title/Contents may change subject to expert faculty members, HoD's, Director and Principal decision and same will be executed accordingly for all the allotted branches of Engineering students.

Department of Electronics and Communication Engineering

S.No.	Sem	Name of the Skill program
1.	I	Foundation Skill - Software Entropy/ Digital Electronics/ Mobile APP Design
2.	II	Electronic system design
3.	III	Embedded Systems
4.	IV	Wireless Communication Protocol
5.	V	MATLAB for control engineering
6.	VI	RTOS with IoT in STM32
7.	VII	Signal & Image Processing using Machine Learning

Department of Electrical and Electronics Engineering

S.No.	Sem	Name of the Skill program
1.	I	Foundation Skill - Software Entropy/ Digital Electronics/ Mobile APP Design
2.	II	Electrical Installation and Commissioning
3.	III	PCB System Design
4.	IV	Embedded Systems
5.	V	Industrial Automation
6.	VI	Hybrid power system using MATLAB
7.	VII	E-Mobility & BMS

Department of Mechatronics Engineering

S.No.	Sem	Name of the Skill program
1.	I	Foundation Skill - Software Entropy/ Digital Electronics/ Mobile APP Design
2.	II	3D printing and Prototype Modelling
3.	III	Mobile Robotics
4.	IV	IIoT
5.	V	Industrial Communication Protocol
6.	VI	Unmanned aerial vehicle design
7.	VII	R2R Communication

ANNEXURE - A1

SKILL TRAINING EXECUTION PLAN (As discussed with management)

- Each semester will have 90 working days (approx.) with 8 working hours.
- So, it will be $(90 \times 8) = 720$ hrs (approx.)
- Consider each semester will have 6 Theory + 3 Practical = 9 Courses
- So, each course will have a total hour of $(720/9) = 80$ hrs

- The UNIT-V in all the syllabus will be framed as the case structure or application-oriented unit and the same may be compensated with the skill training like PBL (Project Based Learning) in which skill training become an inbuilt element so that the training calendar can be designed accordingly to facilitate IEP for conducting the skill training in regular time stream of the academic program.

- 8 hours from each subject may be accompanied by the skill training hence $(8 \times 6) 48$ hrs (45hrs training + 3hrs assessment) will be compensated.

- For 60 or less (available strength) students one trainer and assist will accompany the students and monitor their activities.

NOTE:

1. Infrastructure facilities based on the IEP request may be approved from the PMC for smooth conduction of the skill training and the product development.
2. Students are the sole responsible for the given components (excluding consumables). After the primary check, if the components get damages by the students, it will not get replaced.
3. IEP has rights to access any classrooms, laboratories, seminar halls with the prior approval.
4. For the basic skill training, IEP will provide the necessary device/components. If students/ the training modules requires beyond the scope of the training, IEP may recommend the device/components to procure for the effective skill conduction which differs from case to case.

ANNEXURE - B

Apart from the Skill training fees structure and the relevant details mentioned in annexure A, below list of Enriching Verticals platform are also available in the IEP offerings to the PMC Tech Institute. As and when required PMC Tech can utilize the services mentioned below. The commercials indicated against each service are for reference purpose only. **While availing the services the prices will be mutually discussed and finalized on case-to-case basis.**

ENRICHING VERTICALS

The other verticals apart from the skill training are listed in the table 2.1, which describes the fee structure for the activities that has been carried out in each and every academic year. The charges may be applicable to case to case depending on the requirement basis.

Table 2.1: Enriching Verticals Split-up

S.No.	Enriching Vertical	Description	Amount (Rs.)
1.	Academics (Annexure B1)	BoS syllabus framing per subject	2,000.00
		RBT Training per session consist of 4hrs <ul style="list-style-type: none"> • Teaching Learning Methodology – Knowledge / Cognitive Domain • Enhancing ICT tool usage 	5,000.00
		Outcome based QP Training per session consist of 4hrs <ul style="list-style-type: none"> • Scenario based higher order thinking Question Paper framework has been carried out (differs from conventional QP) 	5,000.00
		One Credit Courses may be organized by IEP and other industrial experts irrespective of students per course	25,000.00
2.	Product development (Annexure B2)	Product development including patent filing consultation fee (Materials Cost Excl.) <ul style="list-style-type: none"> • Product development till Patent filing and obtaining patent per product s Rs.25000/- • (incl. the filing charges/ patent) • Each dept. target to file at least one patent/ year 	25,000.00
3.	FIC activities Faculty Interested Cluster (Annexure B3)	Review and mentoring per group per cluster charges <ul style="list-style-type: none"> • FIC-Implementing the 10pt indicator for the assessment evaluation (33 FIC's approx.) • Target fixing, and attainment evaluation • Ensuring the students and faculty members skill upgradation 	500.00
4.	Innovation Labs (Annexure B4)	Review and Mentoring Fee per lab <ul style="list-style-type: none"> • Each department can have at least one innovation lab • For 10 departments, 10 innovation labs monitoring and review the total fees would be (Rs. 50,000.00/-) • Performance report will be submitted to the chairman's desk through Principal – HoD on weekly basis 	5,000.00

ANNEXURE - B1

Academics

Implementing Project based Learning, Outcome based QP, Incorporating the Revised Blooms Taxonomy, and Innovative assessment methodologies for internal PMC TECH faculty members

Planning:

- Organizing guest lectures, webinars, seminars on their relevant topics (only by experts)
- It should cover 10 to 15% of the portions
- Conducting one credit courses/ addons for the credit claims
- NPTEL courses may also be considered for the credit claims
- Flexible examinations hours according to the syllabus coverage
- Instead of Assignments simple projects may be collected (PBL)

Outcomes:

- Guest lectures, webinars, seminars will help to get good score in NAAC and NBA
- Students may get good no of content in their resume
- Outcome based education system will be followed

ANNEXURE - B2

Product development

To bring product from concept or idea phase through market release and beyond

Planning:

- Easily customizable - Work it on the product development platform and enhance the same with IEP solutions support
- Analyze the market scaling - do a survey (components selection, R&D etc.,)
Releasing it as finest PMC-IEP Techno commercial product

Outcomes:

- Students able to participate in the Competitions/ Project expo's/Hackathons etc.,
- Students' achievements will be published in media for the branding
- PMC TECH Branding Noticed by industrial experts

ANNEXURE - B3

FACULTY INTERESTED CLUSTER (FIC) ACTIVITIES

Assigning targets for the faculty members for a year. (Conference, Journal, Patent, Online Course, Product Development) via the 10point indicator.

Planning:

- Assigning achievable targets to the team and will be evaluated by the weekly report through task management web portal
- Assisting for applying funded projects (DST, SERB, CSIR, MSME, AICTE-RPS)
- Each FIC should map with either an innovation lab or Skill team

Outcomes:

- Good No. of papers and patents will get published
- Subsequently increase the quality in education and teaching
- Content preparation and delivery
- Brainstorming sessions will warm up and helps the students in choosing & assigning innovative projects

10 POINT INDICATOR ACTIVITIES FOR FIC

Point	Name of the Indicator	Description
P1	Member in Innovation Labs	The faculty member has to engage with any of the cluster like Innovation Labs (or) Skill Team Member
P2	Technical Body Membership	The faculty member must associate with any of the technical body like ISTE/ IEEE/ ACDOS/ IAENG/ BMESI etc.,
P3	Paper/ Poster/ Conference Presentation	The presentation must be conducted only by the top ranked universities associated with the professional membership bodies.
P4	Journal Publication	The Journal must be indexed either in SCOPUS or Web of Science
P5	Online Courses	The online courses should be comprised of min 14weeks

		preferably NPTEL (or) Udemey
P6	IPR/ Patent filing	The Patent should be filed with the first applicant as PMC and second applicant as IEP
P7	Funding/ R & D Activities	Apply for the funding in any of the central bodies like DST, SERB, CSIR, MSME, AICTE-RPS (or) working in a project associated with any company as a consultancy work
P8	External Examiner/ Guest lectures delivered	The faculty may claim the point if they called as the external examiner by other institutions (or) guest lecture delivered (or) nominated for any awards
P9	Journal Reviewer/ IIC/ IIPC Member	The faculty may claim the point if they belong to the journal as reviewer (or) involved in the institute activities like Industry Institute Council (IIC) (or) Industry Institute Partnership Cell (IIPC)
P10	E – Content development	Publishing any e-content (or) any promotion activities in social media platform which helps in improve the branding

ANNEXURE- B4

Innovation Labs

Facilitating the students and faculty members to apply their knowledge in product development/ publications/ patent filing etc.,

Planning:

- Identify the industrial domain experts for mentoring the lab in product making and assisting them in participating competitions
- Targets may be assigned based on the domains for the trainings, competition participation, national/international wins, projects, product making etc.,
- Faculty member involving in the innovation lab activities will get some benefits like subject relaxations, flexi timings, etc.,

Outcomes:

- Competition participations in national/international level will gets improved
- The PMC banner will be noticed by industry peoples which helps in branding
- School Principals, Experts and HR visits like meetup may be planned at the academic yearend for showcasing the products developed in innovation labs
- Nearby school students' trainings/visits may be arranged to create their eagerness in joining PMC

List of Innovation Labs

Product Development Cell

- Electronics
- Electrical
- Robotics
- Sensors and Actuators
- Embedded Systems

Hackathon Cell

- Software
- Hardware

Prototyping Cell

- 3D Printing
- Crafting

Expert Systems Cell

- AIML
- Blockchain Technology
- Digital Security

Other Cells

- Design Studio - MECH
- Smart Energy Lab - EEE
- Integrated Robotics and Automation Lab - MTRS
- Design Building Lab – CIVIL