# Thadomal Shahani Engineering College [ ARI-C-33681 ][ C-33681 ]

## Section 1: Policy And Institutionalization Of I&E Activities In HEIs (Academic Calendar Year 2020-21 & 2021-22)

### 1.1) Adoption Level of Innovation and Entrepreneurship (I&E) Policy in HEIs: Registration; Policy Formulation; Policy Implementation

| Completion of Action Items (status as on 7th November 2022 ) | Status |
|---|---|
| Registered in the NISP portal for I&E Policy Adoption | Yes |
| Institute has Formulated an Innovation and Entrepreneurship (I&E) Policy | No |
| Institute has Action Plans for Implementation of the I&E Policy | No |

**Contact:**

| Faculty Name: | Sunil Gidwani |
|---|---|
| Designation: | Training Officer & Associate Professor |

### 1.2) Performance Level of Institution's Innovation Councils (IICs) Established in HEIs: Scores and Stars Obtained

| Annual Performances of IIC Institute | Stars Secured |
|---|---|
| IIC 1.0 (2018-19) | |
| IIC 2.0 (2019-20) | |
| IIC 3.0 (2020-21) | 0 |
| IIC 4.0 (2021-22) | 1 |

**Contact:**

| IIC President of the Institute: | Dr. G. T. Thampi |
|---|---|
| Designation: | Principal |

**1.3) Activeness of Trained Innovation Ambassadors in Driving Campus I&E Ecosystems in HEIs: Trained IA/HEI and Nos of Prescribed Activities undertaken by IA**

| Sr. No. | Name of the Faculty IA | Level of Training | No of I&E Expert Talks/Sessions Conducted |
|---------|------------------------|-------------------|-------------------------------------------|
| 1 | Prof. Sunil Gidwani | Basic | 0 |
| 2 | Prof. Mudita Dixit | Basic | 0 |
| 3 | Dr. Seema Kolkur | Basic | 0 |

**1.4) Participation in KAPILA/SIH Program**

| | | |
|---|---|---|
| HEI Registered in the KAPILA Portal | C-33681 | Yes |
| HEI Participated in the Smart India Hackathon (2022) | C-33681 | Yes |

# Section 2: Teaching and Learning: Academic Programs related to Innovation and Entrepreneurship (I&E) Offered by the HEI

**2.1) Academic Courses in Innovation, Entrepreneurship and IPR**

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Course Start Date | Course End Date | Total Duration of the Course (in D... |
|------|-----------------|-------------|---------------|----------------|-----------------|------------------------------------------------|---------------------|--------------------|------------------|--------------------------------------|
| No Data Found | | | | | | | | | | |

## 2.2) Non-Academic Courses in Innovation, Entrepreneurship and IPR

| Srno | Title of Course | Academic Year | Type of Certificate Program | Certificate Program/MDP/FDP/EDP Sponsored/Supported by | Certificate Program Offering Department/ Centre/ Unit Name | Program Start Date | Program End Date |
|------|-----------------|---------------|------------------------------|--------------------------------------------------------|-----------------------------------------------------------|--------------------|-----------------|
| No Data Found | | | | | | | |

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# Section 3: Pre-Incubation and Incubation Infrastructure & Facilities are Currently in Operation to Promote I&E Agenda (AY 2020-21 & 2021-22)

## 3.1) Existence of Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Cell/Startup Cell) (>= 600 Sq. Ft. Floor Area)

| Sr. No. | Type of the Unit | Name of Unit | In-charge Name | Govt. Schemes |
|---------|------------------|--------------|----------------|---------------|
| 1 | Innovation Cell | TSEC Pre-Incubation Center | Sunil Gidwani | Mentoring Support |

## 3.2) Existence of Incubation Facility (>= 1500 Sq. Ft. Floor Area)

| Sr. No. | Name of Unit | In-charge Name | Govt. Schemes |
|---------|--------------|----------------|---------------|
| 1 | | | |

## 3.3) Existence of IPR Cell / Patent Facilitation Unit / Technology Transfer Centre at the institute

| Sr. No. | Type of the Unit | Name of Unit | In-charge Name | Govt. Schemes |
|---------|------------------|--------------|----------------|---------------|
| 1 | IPR Cell | TSEC IPR Cell | Dr. Poonam Soni | Mentoring Support |

# Section 4: Generation and Support of Prototypes / Innovations at HEI and Recognition received (AY 2020-21 & 2021-22)

**4) Total no. of Innovations (Verified and Recommended) in Different TRLs (4-9) are Recorded in the YUKTI National Innovation Repository of the IIC Institute ( Status as on 7th November 2022 )**

| Sr. No. | Innovation Name | Developed as part of | FY of Development (FY. 2020-21,2021-22) | TRL Stage | Team Lead/Innovator Name | Current Engagement of Team Lead in Institute | Total Grants Received (from all sources) | Gra Rec Inst |
|---------|-----------------|----------------------|------------------------------------------|-----------|--------------------------|----------------------------------------------|------------------------------------------|--------------|
| No Data Found | | | | | | | | |

# Section 5: Start-ups/Ventures Established and Supported at HEI and & Recognitions Received (AY 2020-21 & 2021-22)

**5) Total no of Ventures/Startups (Verified and Recommended) are Recorded in the YUKTI National Innovation Repository of the IIC Institute (Status as on 7th November 2022 )**

| Sr. No. | Startup/Venture Name | Startup/Venture Registered as | CIN No/LLP/OPC/RC No | GST No | FY of Establishment | Startup/Venture Recognized by DPIIT/Startup India |
|---------|----------------------|-------------------------------|----------------------|--------|---------------------|----------------------------------------------------|
| 1 | | | | | | |

# Section 6: Collaboration with Other Incubation Units, HEIs and Industry Associations to Strengthen Better Services and Support to Innovation & Startups at HEI (AY 2020-21 & 2021-22)

**6) Collaboration with Other Incubation Units, HEIs and Industry Associations to Strengthen Better Services and Support to Innovation & Startups at HEI (AY 2020-21 & 2021-22)**

| Sr. No. | Collaborated Agency Name | Collaborated Agency Type | Period of Collaboration (No. of Years) | Current Status of Collaboration | Date of MOU / Agreement Signed on |
|---------|--------------------------|--------------------------|----------------------------------------|---------------------------------|-----------------------------------|
| 1 | Sardar Patel Technology Business Incubator (SP-TBI) | Incubation Unit | 5 | Active | 10-09-2022 |

# Section 7: Intellectually Property (IP) Generated and Commercialization

## 7.1) IPR Filed and Published (Copyrights & Design only)

| Sr. No. | Title/Name of IP (Copyright/Design Only) | Type of IP | IP Registration Number of Copyright/Design | Date of Filed/Published | Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society? |
|---------|------------------------------------------|------------|--------------------------------------------|-------------------------|---------------------------------------------------------------------------------------------------|
| No Data Found | | | | | |

## 7.2) Patents Filed by HEI

| Sr. No. | Title/Name of Patent | IP Registration Number | Date of Filed/Published |
|---------|----------------------|------------------------|-------------------------|
| No Data Found | | | |

## 7.3 & 7.4) Patent Published / Granted Data

| Sr. No. | Patent Registration Application No | Patent Title | Patent Application Date | Status of Patent Applications | Patent Published / Granted Calendar Year | Institute applied the Patent as |
|---|---|---|---|---|---|---|
| 1 | 201821008914 | Framework and process for various learning styles and learning abilities using customized instructional or learning content- | 12-03-2018 | Published | 2020 | |
| 2 | 201821008917 | Framework and methodology for forecasting life cycle of digital computational and communication technologies- | 12-03-2018 | Published | 2020 | |
| 3 | 201821041086 | Self Learning Systems and Techniques for predicting Traffic patterns | 31-10-2018 | Published | 2020 | |
| 4 | 202141049460 | Deep learning based Language translator- | 28-10-2021 | Published | 2021 | |
| 5 | 202141004991 | SMART INDUSTRIAL MANUFACTURING USING LOW POWER WIDE CONNECTIVITY IOT BASED INGENU MACHINE TO MACHINE APPROACH | 05-02-2021 | Published | 2021 | |

## 7.5) IP Commercialized and Transferred to Industry/Startup

| Sr. No. | Name of Technology Licenced/Transferred/Commercialized | Technology Type | Patent/Licence Holder name (Institute Co-ownership is Must) | Technology Transferred to | Name of Licensee | D T T |
|---------|-------------------------------------------------------|-----------------|-----------------------------------------------------------|--------------------------|------------------|-------|
| No Data Found | | | | | | |