



Verification Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2020-21 Institute Name: Army Institute of Technology [ARI-C-42054]

#### List all the departments / centers / units are part of innovation and startup ecosystem of the institute

| Srno | Department / Center / Unit Name                              | Type of Department /<br>Center / Unit                                     | Mention the Stream /<br>Discipline / Sector of<br>focus      | Department / Center /<br>Unit Level | Program Type | Student / Benificiary<br>Strength (2019-20) | Academic Staff<br>Strength (2019-20) | Non-academic Staff<br>Strength (2019-20) |
|------|--|---|--|-------------------------------------|--------------|---|--------------------------------------|--|
| 1    | Department of Applied Science and General Engineering (ASGE) | Academic<br>Department with lab<br>facility                               | First Year Students  | UG / PG / PhD                       | Technical    | 300   | 11                                   | 4  |
| 2    | Electronics and Telecommunication (ETC)                      | Academic<br>Department with lab<br>facility                               | ETC, Second, Third<br>and Fourth Year<br>Students            | UG / PG / PhD                       | Technical    | 240   | 19                                   | 12                                       |
| 3    | Mechanical Engineering (MECH)                                | Academic<br>Department with lab<br>facility                               | MECH, Second,<br>Third and Fourth<br>Year Students           | UG / PG / PhD                       | Technical    | 186   | 15                                   | 11                                       |
| 4    | Computer Engineering (COMP)                                  | Academic<br>Department with lab<br>facility                               | COMP, Second,<br>Third and Fourth<br>Year Students           | UG / PG / PhD                       | Technical    | 360   | 20                                   | 9  |
| 5    | Information Technology (IT)                                  | Academic<br>Department with lab<br>facility                               | IT, Second, Third and Fourth Year Students                   | UG / PG / PhD                       | Technical    | 180   | 11                                   | 7  |
| 6    | Training and Placement                                       | Industry Institute<br>Interface Unit                                      | Fourth Year Students<br>of Institute                         | UG / PG / PhD                       | Technical    | 313   | 0                                    | 3  |
| 7    | 3D PLM Lab   | Centre of Excellence<br>with Advance Tools &<br>Equipment                 | First to Fourth Year<br>Engineering Students<br>of Institute | At all level                        | Technical    | 150   | 2                                    | 1  |
| 8    | Center Of Excellence for AI and Robotics                     | Centre of Excellence<br>with Advance Tools &<br>Equipment                 | First to Fourth Year<br>Engineering Students<br>of Institute | At all level                        | Technical    | 300   | 2                                    | 1  |
| 9    | Innovation and Entrepreneurship Cell                         | Pre-incubation unit   | First to Fourth Year<br>Engineering Students<br>of Institute | At all level                        | Technical    | 70  | 6                                    | 1  |
| 10   | IPR Support  | IPR Cell / Patent<br>Facilitation Unit /<br>Technology Transfer<br>Centre | First to Fourth Year<br>Engineering Students<br>of Institute | At all level                        | Technical    | 1200  | 5                                    | 2  |

#### Participation of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)

| Programs/Initiatives   | Status | Registration ID                   |
|--|--------|-----------------------------------|
| Adopted National Innovation and Start-up Policy at the HEI     | Yes    | Not Required                      |
| Establishment of Institution's Innovation Council (IIC) at HEI | YES    | IIC Registration ID : IC201810352 |

#### Participation of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)

| Trained Innovation Ambassadors at HEI  | YES | Not Required |
|--|-----|--------------|
| Participation in Smart India Hackathon (SIH)   | Yes | Not Required |
| Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC | No  | Not Required |
| Participation in National Education Alliance of Technology (NEAT)  | No  | Not Required |

#### Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

| Srno | Name of<br>Program<br>(Full<br>Name)                                    | Program<br>Theme | Program<br>Type          | Program<br>Category           | Organizin<br>g<br>Departm<br>ent /<br>Centre /<br>Student<br>Body<br>Name | Program<br>Start<br>Date   | Program<br>End Date        | Program<br>Duration(i<br>n Days) | Program<br>Location | Internal<br>Participa<br>nts<br>(Student) | Internal<br>Participa<br>nts<br>(Faculty) | External<br>Participa<br>nts<br>(Student) | External<br>Participa<br>nts<br>(Faculty) | Total<br>Number<br>of<br>Participa<br>nts | Had institute spent expenses<br>either from own<br>resource/received fund to<br>organise the<br>program/activity/event? | Did any of the participants<br>received any awards/recognition<br>for startup / innovation ideas /<br>research? |
|------|---|------------------|--------------------------|-------------------------------|---|----------------------------|----------------------------|----------------------------------|---------------------|---|---|---|---|---|---|---|
| 1    | Innerve<br>2019   | Innovatio<br>n   | Hackatho<br>n            | Institute<br>Lead<br>Activity | Compute<br>r<br>Engineeri<br>ng<br>Departm<br>ent and<br>OSS club         | 06-10-20<br>19<br>00:00:00 | 07-10-20<br>19<br>00:00:00 | 2                                | Within<br>Campus    | 120                                       | 0   | 250                                       | 0   | 370                                       | Total Expense<br>Amount<br>Incurred by<br>Institute to<br>Organise the<br>Program (In<br>Rupees)125000                  | No  |
| 2    | Hacktobe<br>rfest   | Innovatio<br>n   | Seminar                  | Institute<br>Lead<br>Activity | Compute<br>r<br>Engineeri<br>ng<br>Departm<br>ent, OSS<br>club            | 06-10-20<br>19<br>00:00:00 | 06-10-20<br>19<br>00:00:00 | 1                                | Within<br>Campus    | 30  | 0   | 10  | 0   | 40  | No  | No  |
| 3    | GSOC  | Innovatio<br>n   | Seminar                  | Institute<br>Lead<br>Activity | Compute<br>r<br>Engineeri<br>ng<br>Departm<br>ent, OSS<br>club            | 22-12-20<br>19<br>00:00:00 | 22-12-20<br>19<br>00:00:00 | 1                                | Within<br>Campus    | 300                                       | 0   | 0   | 0   | 300                                       | No  | No  |
| 4    | INTRA<br>SMART<br>INDIA<br>HACKAT<br>HON                                | Innovatio<br>n   | Ideation                 | Institute<br>Lead<br>Activity | Compute<br>r<br>Engineeri<br>ng<br>Departm<br>ent, OSS<br>club            | 24-12-20<br>19<br>00:00:00 | 10-01-20<br>20<br>00:00:00 | 18                               | Within<br>Campus    | 80  | 0   | 0   | 0   | 80  | No  | No  |
| 5    | Mathema<br>tical<br>Modelling<br>Approach<br>towards<br>Data<br>Science | Innovatio<br>n   | Worksho<br>p             | Institute<br>Lead<br>Activity | Informati<br>on<br>Technolo<br>gy   | 11-12-20<br>19<br>00:00:00 | 13-12-20<br>19<br>00:00:00 | 3                                | Within<br>Campus    | 0   | 20  | 0   | 0   | 20  | No  | No  |
| 6    | Competiti<br>ve<br>Program<br>ming<br>Quiz in<br>Technical<br>Aakriti   | Innovatio<br>n   | Skill<br>developm<br>ent | Institute<br>Lead<br>Activity | Technical<br>Club   | 18-01-20<br>20<br>00:00:00 | 19-01-20<br>20<br>00:00:00 | 2                                | Within<br>Campus    | 10  | 0   | 5   | 0   | 15  | Total Expense<br>Amount<br>Incurred by<br>Institute to<br>Organise the<br>Program (In<br>Rupees)                        | No  |

| Secti | on 1 > i :  | Details of  | of Co-cur                  | ricular e                     | vents/pro                    | ograms r                   | elated to                  | Innovat | ion, IPR a       | and Entre | epreneur | ship/Sta | rt-up Cor | nducted | by the HEI  |  |
|-------|---|---|----------------------------|-------------------------------|------------------------------|----------------------------|----------------------------|---------|------------------|-----------|----------|----------|-----------|---------|---|--|
| 7     | Idea<br>Presentat<br>ion  | Innovatio<br>n  | Ideation                   | Student<br>Lead<br>Activity   | Technical<br>board           | 17-01-20<br>20<br>00:00:00 | 19-01-20<br>20<br>00:00:00 | 3       | Within<br>Campus | 80        | 2        | 9        | 0         | 91      | Total Expense<br>Amount<br>Incurred by<br>Institute to<br>Organise the<br>Program (In<br>Rupees)          | No   |
| 8     | Regional<br>Monitorin<br>g<br>Sessions<br>and<br>Orientatio<br>n<br>Sessions<br>for IIC<br>2.0 as<br>well as<br>ARIIA | IPR,<br>Entrepre<br>neurship/<br>Startup,<br>Innovatio<br>n | Mentorin<br>g<br>Session   | Institute<br>Lead<br>Activity | IIC                          | 26-07-20<br>19<br>00:00:00 | 26-07-20<br>19<br>00:00:00 | 1       | Within<br>Campus | 100       | 35       | 50       | 150       | 335     | 29432<br>Total Expense<br>Amount<br>Incurred by<br>Institute to<br>Organise the<br>Program (In<br>Rupees) | No   |
| 9     | CoDeft19  | Innovatio<br>n  | Skill<br>developm<br>ent   | Institute<br>Lead<br>Activity | Code<br>program<br>ming club | 03-10-20<br>19<br>00:00:00 | 06-10-20<br>19<br>00:00:00 | 4       | Within<br>Campus | 20        | 0        | 130      | 0         | 150     | 75000<br>Total Expense<br>Amount<br>Incurred by<br>Institute to<br>Organise the<br>Program (In<br>Rupees) | Award /<br>Position /<br>Recognition<br>Secured     First       Title of<br>Innovation /<br>Start-up<br>Secured the<br>Award /<br>Recognition     Retracer       Award/Recog<br>nition/Achieve<br>ment<br>Received for     Idea/Innova<br>tion/Prototy<br>pe |
| 10    | Business<br>Plan  | Entrepre<br>neurship/<br>Startup,<br>Innovatio<br>n         | B-Plan<br>Competiti<br>ons | Student<br>Lead<br>Activity   | Technical<br>Board           | 15-02-20<br>20<br>00:00:00 | 17-02-20<br>20<br>00:00:00 | 3       | Within<br>Campus | 16        | 2        | 80       | 2         | 100     | Total Expense<br>Amount<br>Incurred by<br>Institute to<br>Organise the<br>Program (In<br>Rupees)          | No   |
| 11    | Valcun  | Entrepre<br>neurship/<br>Startup,<br>Innovatio<br>n         | Conferen<br>ce             | Institute<br>Lead<br>Activity | Technical<br>Board           | 15-02-20<br>20<br>00:00:00 | 17-02-20<br>20<br>00:00:00 | 3       | Within<br>Campus | 8         | 2        | 16       | 2         | 28      | Total Expense<br>Amount<br>Incurred by<br>Institute to<br>Organise the<br>Program (In<br>Rupees)          | No   |

#### Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

| Srno | Name of<br>Program<br>(Full<br>Name) | Program<br>Theme | Program<br>Type | Organizin<br>g Agency<br>/ Institute<br>Name | Organizin<br>g Agency<br>Type | Program<br>Start<br>Date | Program<br>End Date | Program<br>Duration(i<br>n Days) | Participa<br>nts<br>(Students<br>) | Participa<br>nts<br>(Faculty) | Total<br>Number<br>of<br>Participa<br>nts | Awards/R<br>ecognitio<br>ns/Achiev<br>ements | Award /<br>Position /<br>Recogniti<br>on<br>Secured | Title of<br>Innovatio<br>n / Start-<br>up<br>Secured<br>the<br>Award /<br>Recogniti | Had institute spent expenses<br>either from own resource/<br>received fund towards sending<br>delegation to participate /<br>represent the activity /event? | Did any of the participants<br>received any awards/recognition<br>for startup / innovation ideas /<br>research |
|------|--------------------------------------|------------------|-----------------|--|-------------------------------|--------------------------|---------------------|----------------------------------|------------------------------------|-------------------------------|---|--|---|---|---|--|
|------|--------------------------------------|------------------|-----------------|--|-------------------------------|--------------------------|---------------------|----------------------------------|------------------------------------|-------------------------------|---|--|---|---|---|--|

|   | otate, N   |                |               |   |  |                            |                            |   |    |   |    |     |        | on  |    |   |   |
|---|--|----------------|---------------|---|--|----------------------------|----------------------------|---|----|---|----|-----|--------|---|----|---|---|
| 1 | NEC<br>Transport<br>ation<br>Hackatho<br>n<br>Mumbai                           | Innovatio<br>n | Hackatho<br>n | NEC<br>Laborator<br>ies India<br>an R and<br>D center<br>under<br>NEC<br>Technolo<br>gies India<br>Mumbai | Corporat<br>e /<br>Industry<br>Associati<br>on | 01-06-20<br>19<br>00:00:00 | 02-06-20<br>19<br>00:00:00 | 2 | 6  | 0 | 6  | Yes | First  | Create<br>solution<br>around<br>free<br>transport<br>ation<br>service   | No | Award /<br>Position /<br>Recognition<br>Secured<br>Title of<br>Innovation /<br>Start-up<br>Secured the<br>Award /<br>Recognition<br>Award/Recog<br>nition/Achieve<br>ment<br>Received for | First<br>Create<br>solution<br>around free<br>transportati<br>on service<br>Idea/Innova<br>tion/Prototy<br>pe   |
| 2 | NEC<br>Transport<br>ation<br>Hackatho<br>n<br>organize<br>d at<br>Gurugra<br>m | Innovatio<br>n | Hackatho<br>n | NEC<br>Laborator<br>ies India<br>an R and<br>D center<br>under<br>NEC<br>Technolo<br>gies India           | Corporat<br>e /<br>Industry<br>Associati<br>on | 24-08-20<br>19<br>00:00:00 | 25-08-20<br>19<br>00:00:00 | 2 | 6  | 0 | 6  | Yes | Second | Transfor<br>mation of<br>public<br>transport<br>by using<br>web or<br>service<br>applicatio<br>ns to<br>elevate<br>user<br>motivatio<br>n | No | Award /<br>Position /<br>Recognition<br>Secured<br>Innovation /<br>Start-up<br>Secured the<br>Award /<br>Recognition<br>Award/Recog<br>nition/Achieve<br>ment<br>Received for             | Second<br>Transforma<br>tion of<br>public<br>transport by<br>using web<br>or service<br>applications<br>to elevate<br>user<br>motivation<br>Idea/Innova<br>tion/Prototy<br>pe   |
| 3 | NEC<br>Transport<br>ation<br>Hackatho<br>organize<br>d at IIT<br>Delhi         | Innovatio<br>n | Hackatho<br>n | NEC<br>Laborator<br>ies India<br>an R and<br>D center<br>under<br>NEC<br>Technolo<br>gies India           | Corporat<br>e /<br>Industry<br>Associati<br>on | 11-01-20<br>20<br>00:00:00 | 12-01-20<br>20<br>00:00:00 | 2 | 10 | 0 | 10 | Yes | Second | Need of<br>innovativ<br>e<br>solutions<br>for<br>improve<br>ment of<br>various<br>challenge<br>s in<br>education<br>of rural<br>areas     | No | Award /<br>Position /<br>Recognition<br>Secured<br>Title of<br>Innovation /<br>Start-up<br>Secured the<br>Award /<br>Recognition<br>Award/Recog<br>nition/Achieve<br>ment<br>Received for | Second<br>Need of<br>innovative<br>solutions<br>for<br>improveme<br>nt of<br>various<br>challenges<br>in<br>education<br>of rural<br>areas<br>Idea/Innova<br>tion/Prototy<br>pe |

| 4 | NEC<br>Transport<br>ation<br>Hackatho<br>n<br>organize<br>d at<br>Mumbai | Innovatio<br>n | Hackatho<br>n | NEC<br>Hackatho<br>n | Corporat<br>e /<br>Industry<br>Associati<br>on | 01-06-20<br>19<br>00:00:00 | 02-06-20<br>19<br>00:00:00 | 2 | 6 | 0 | 6 | Yes | 2             | Create<br>solution<br>around<br>free<br>transport<br>ation<br>service | No | Position /<br>Recognition<br>Secured<br>Title of<br>Innovation /<br>Start-up   | 2<br>Create<br>solution<br>around free<br>transportati   |
|---|--|----------------|---------------|----------------------|--|----------------------------|----------------------------|---|---|---|---|-----|---------------|---|----|--|--|
| 5 | AGS  |                | Hackatho      | AGS                  | Corporat                                       | 22-07-20                   | 22-07-20                   | 1 | 4 | 0 | 4 | Yes | 1             | Come  | No | Award /<br>Recognition<br>Award/Recog<br>nition/Achieve<br>ment<br>Received for  | transportati<br>on service<br>Idea/Innova<br>tion/Prototy<br>pe  |
|   | Hackatho<br>n  | Innovatio<br>n | n             | India                | e /<br>Industry<br>Associati<br>on             | 22-07-20<br>19<br>00:00:00 | 22-07-20<br>19<br>00:00:00 |   |   |   |   |     |               | with<br>solution<br>for<br>payment<br>POS<br>ATM of<br>the future     |    | Position /<br>Recognition<br>Secured<br>Title of<br>Innovation /<br>Start-up<br>Secured the<br>Award /<br>Recognition<br>Award/Recog<br>nition/Achieve | 1<br>Come with<br>solution for<br>payment<br>POS ATM<br>of the future<br>Idea/Innova<br>tion/Prototy<br>pe |
| 6 | Pitney<br>Bowes<br>Shipping<br>Hackatho<br>n                             | Innovatio<br>n | Hackatho<br>n | Pitney<br>Bowes      | Corporat<br>e /<br>Industry<br>Associati<br>on | 28-09-20<br>19<br>00:00:00 | 28-09-20<br>19<br>00:00:00 | 1 | 4 | 0 | 4 | Yes | Runner<br>Ups | Seamles<br>s and<br>intelligent<br>shipping                           | No | Position /<br>Recognition<br>Secured<br>Title of<br>Innovation /<br>Start-up<br>Secured the<br>Award /<br>Recognition<br>Award/Recog<br>nition/Achieve | Runner Ups<br>Seamless<br>and<br>intelligent<br>shipping<br>Idea/Innova<br>tion/Prototy<br>pe              |

| 7 | Infineon<br>India<br>Campus<br>Hackatho<br>n                   | Innovatio<br>n                   | Hackatho<br>n              | Infineon<br>Technolo<br>gies<br>National<br>hackatho<br>n      | Corporat<br>e /<br>Industry<br>Associati<br>on | 07-12-20<br>19<br>00:00:00 | 07-12-20<br>19<br>00:00:00 | 1  | 4 | 0 | 4 | Yes | 1                 | To create<br>a multi<br>label<br>classifier<br>which<br>can tag<br>the<br>documen<br>ts into<br>various<br>categorie<br>s | No | Award /<br>Position /<br>Recognition<br>Secured     1       Title of<br>Innovation /<br>Start-up<br>Secured the<br>Award /<br>Recognition     To create<br>multi lab<br>classifier<br>which ca<br>tag the<br>documer<br>into vario<br>categorie       Award /<br>Recognition     Idea/Innovation<br>(articon/Achieve<br>ment<br>Received for |
|---|--|----------------------------------|----------------------------|--|--|----------------------------|----------------------------|----|---|---|---|-----|-------------------|---|----|--|
| 3 | St.<br>Fransis<br>Institute<br>of<br>Technolo<br>gy,<br>Mumbai | Entrepre<br>neurship/<br>Startup | B-Plan<br>Competiti<br>ons | St.<br>Fransis<br>Institute<br>of<br>Technolo<br>gy,<br>Mumbai | Educatio<br>nal<br>Institute                   | 26-04-20<br>19<br>00:00:00 | 26-04-20<br>19<br>00:00:00 | 1  | 3 | 0 | 3 | Yes | 2                 | Track n<br>Trace<br>Products  | No | Award /<br>Position /<br>Recognition<br>Secured     2       Title of<br>Innovation /<br>Start-up<br>Secured the<br>Award /<br>Recognition     Track n<br>Trace<br>Products       Award/Recog<br>nition/Achieve<br>ment<br>Received for     Business<br>Model/St<br>up  |
|   | COEP<br>Startup<br>fest  | Entrepre<br>neurship/<br>Startup | Exhibition                 | Bhau<br>Incubatio<br>n, COEP                                   | Educatio<br>nal<br>Institute                   | 17-02-20<br>20<br>00:00:00 | 17-02-20<br>20<br>00:00:00 | 1  | 3 | 0 | 3 | Yes | Top 5<br>startups | Supply<br>Chain<br>Monitorin<br>g   | No | Award /<br>Position /<br>Recognition<br>Secured     Top 5<br>startups       Title of<br>Innovation /<br>Start-up<br>Secured the<br>Award /<br>Recognition     Supply<br>Chain<br>Monitorin       Award/Recog<br>nition/Achieve<br>ment<br>Received for     Business<br>Model/St<br>up  |
| ) | Entrepre<br>neurship   | Innovatio<br>n                   | Skill<br>developm<br>ent   | Science<br>Tech<br>Park with<br>SPPU                           | Educatio<br>nal<br>Institute                   | 09-12-20<br>19<br>00:00:00 | 20-12-20<br>19<br>00:00:00 | 12 | 0 | 1 | 1 | No  |                   |   | No | No   |
| 1 | Innovate<br>For<br>Smart<br>PCMC                               | Innovatio<br>n                   | Innovatio<br>n Contest     | PCMC<br>and<br>PCCOE   | Govt.<br>Agency<br>(State)                     | 26-09-20<br>19<br>00:00:00 | 26-09-20<br>19<br>00:00:00 | 1  | 3 | 0 | 3 | No  |                   |   | No | No   |

| at the | e State, N  | ational a      | and (or) I               | nternatio                             | nal Leve                                       | l (Organi                  | zed by E                   | xternal C | Organiza | tions) se | nt by the | HEI |                       |  |   |  |
|--------|---|----------------|--------------------------|---------------------------------------|--|----------------------------|----------------------------|-----------|----------|-----------|-----------|-----|-----------------------|--|---|--|
| 12     | Intellectu<br>al<br>Property<br>Talent<br>Search<br>Examinat<br>ion | Innovatio<br>n | Innovatio<br>n Contest   | ASSOCH<br>AM New<br>Delhi             | Govt.<br>Agency<br>(Central)                   | 07-04-20<br>19<br>00:00:00 | 07-04-20<br>19<br>00:00:00 | 1         | 1        | 0         | 1         | No  |                       |  | No  | No   |
| 13     | Open<br>Mainfram<br>e Project<br>Mentorsh<br>ip                     | Innovatio<br>n | Mentorin<br>g<br>Session | Linux<br>Foundati<br>on               | Corporat<br>e /<br>Industry<br>Associati<br>on | 08-05-20<br>19<br>00:00:00 | 08-08-20<br>19<br>00:00:00 | 93        | 1        | 0         | 1         | Yes | Mentee                | Mentee<br>in the<br>Open<br>Mainfram<br>e Project<br>Mentorsh<br>ip<br>program | No  | Award /<br>Position /<br>Recognition<br>SecuredMenteeTitle of<br>Innovation /<br>Start-up<br>Secured the<br>Award /<br>RecognitionMentee in<br>the Open<br>Mainframe<br>Project<br>Mentorship<br>programAward/Recog<br>nition/Achieve<br>ment<br>Received forIdea/Innova<br>tion/Prototy<br>pe                                       |
| 14     | Synd<br>Innovate<br>Hackatho<br>n                                   | Innovatio<br>n | Hackatho<br>n            | Syndicat<br>e Bank<br>Bangalor<br>e   | Govt.<br>Agency<br>(Central)                   | 01-10-20<br>19<br>00:00:00 | 01-10-20<br>19<br>00:00:00 | 1         | 6        | 0         | 6         | Yes | consolati<br>on prize | Fraud<br>detection<br>in cheque  | No  | Award /<br>Position /<br>Recognition<br>Secured     consolation<br>prize       Title of<br>Innovation /<br>Start-up<br>Secured the<br>Award /<br>Recognition     Fraud<br>detection in<br>cheque       Award /<br>Recognition     Fraud<br>detection in<br>cheque       Award /<br>Recognition     Idea/Innova<br>tion/Prototy<br>pe |
| 15     | COEP<br>Mindspar<br>k-19  | Innovatio<br>n | Conferen<br>ce           | College<br>of<br>Engineeri<br>ng Pune | Educatio<br>nal<br>Institute                   | 28-09-20<br>19<br>00:00:00 | 28-09-20<br>19<br>00:00:00 | 1         | 1        | 1         | 2         | Yes | Second                | paper<br>title   | 6500<br>TotalTotal<br>Expense<br>Amount<br>Incurred by<br>Institute? (In<br>Rupees) | Award /<br>Position /<br>Recognition<br>Secured     Second       Title of<br>Innovation /<br>Start-up<br>Secured the<br>Award /<br>Recognition     paper title       Award/Recog<br>nition/Achieve<br>ment<br>Received for     Novel<br>Research<br>Paper/Work   |

|    | ,   |                                  | (*)                    |  |  | (- 3                       |                            |   | <u> </u> | , | ,, <b>,</b> |     |                                     |  |    |   |
|----|---|----------------------------------|------------------------|--|--|----------------------------|----------------------------|---|----------|---|-------------|-----|-------------------------------------|--|----|---|
| 16 | KPIT<br>Sparkle-<br>2020                                    | Entrepre<br>neurship/<br>Startup | Innovatio<br>n Contest | KPIT   | Corporat<br>e /<br>Industry<br>Associati<br>on | 28-02-20<br>20<br>00:00:00 | 29-02-20<br>20<br>00:00:00 | 2 | 5        | 2 | 7           | Yes | First                               | Detox  | No | Award /<br>Position /<br>Recognition<br>SecuredFirstTitle of<br>Innovation /<br>Start-up<br>Secured the<br>Award /<br>RecognitionDetoxAward/Recog<br>nition/Achieve<br>ment<br>Received forIdea/Innova<br>tion/Prototy<br>pe  |
| 17 | Solve4Bh<br>arat<br>Hackatho<br>n                           | Innovatio<br>n                   | Hackatho<br>n          | IISC<br>Bangalor<br>e  | Educatio<br>nal<br>Institute                   | 28-02-20<br>20<br>00:00:00 | 29-02-20<br>20<br>00:00:00 | 2 | 5        | 0 | 5           | Yes | Third                               | title  | No | Award /<br>Position /<br>Recognition<br>Secured     Third       Title of<br>Innovation /<br>Start-up<br>Secured the<br>Award /<br>Recognition     title       March (Recognition)     March (Recognition)       Award/Recognition/Achieve<br>ment<br>Received for     Idea/Innovation/Prototy<br>pe   |
| 18 | NCAT<br>course<br>on<br>Creativity<br>and<br>innovatio<br>n | Innovatio<br>n                   | Training               | Internatio<br>nal<br>Forum for<br>Excellenc<br>e in<br>Higher<br>Educatio<br>n | Internatio<br>nal<br>Agencies                  | 15-07-20<br>19<br>00:00:00 | 19-07-20<br>19<br>00:00:00 | 5 | 2        | 0 | 2           | No  |                                     |  | No | No  |
| 19 | CSI Tech<br>Next19<br>on<br>Educatio<br>n                   | Innovatio<br>n                   | Ideation               | Compute<br>r Society<br>of India   | Govt.<br>Agency<br>(Central)                   | 28-09-20<br>19<br>00:00:00 | 28-09-20<br>19<br>00:00:00 | 1 | 1        | 0 | 1           | Yes | Best<br>Student<br>Project<br>Award | Revampi<br>ng food<br>chain<br>supply<br>manage<br>ment is a<br>revolution<br>ary step<br>in the<br>field of<br>food<br>industry | No | Award /<br>Position /<br>Recognition<br>Secured     Best<br>Student<br>Project<br>Award       Title of<br>Innovation /<br>Start-up<br>Secured the<br>Award /<br>Recognition     Revamping<br>food chain<br>supply<br>manageme<br>nt is a<br>revolutionar<br>y step in<br>the field of<br>food<br>industry       Award/Recog<br>nition/Achieve<br>ment<br>Received for     Idea/Innova<br>tion/Prototy<br>pe |

| Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up |
|--|
| at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI  |

|    |  |                |                        |  |  | . ( <b>e</b> . gam         |                            |    | . <u>g</u> |   | it by the |     |                 |  |  |  |
|----|--|----------------|------------------------|--|--|----------------------------|----------------------------|----|------------|---|-----------|-----|-----------------|--|--|--|
| 20 | Summer<br>school -<br>Inclusive<br>and<br>Social<br>Business<br>Strategie<br>s and<br>Statistics<br>and<br>Business<br>Analytics | Innovatio<br>n | Training               | HEC<br>Paris   | Internatio<br>nal<br>Agencies                  | 24-06-20<br>19<br>00:00:00 | 19-07-20<br>19<br>00:00:00 | 26 | 1          | 0 | 1         | No  |                 |  | No   | No   |
| 21 | Intellectu<br>al<br>Property<br>Talent<br>Search<br>Examinat<br>ion  | IPR            | Ideation               | ASSOCH<br>AM and<br>ERICSS<br>ON                     | Corporat<br>e /<br>Industry<br>Associati<br>on | 04-07-20<br>19<br>00:00:00 | 04-07-20<br>19<br>00:00:00 | 1  | 1          | 0 | 1         | Yes | Third           | Intellectu<br>al<br>Property<br>Talent<br>Search   | No   | Award /<br>Position /<br>RecognitionThirdPosition /<br>RecognitionIntellectual<br>Property<br>Talent<br>Secured the<br>Award /<br>RecognitionAward/Recog<br>nition/Achieve<br>ment<br>Received forIdea/Innova<br>tion/Prototy<br>pe  |
| 22 | TALENT<br>SPRINT<br>WE   | Innovatio<br>n | Boot<br>camp           | TALENT<br>SPRINT<br>WE<br>supporte<br>d by<br>Google | Corporat<br>e /<br>Industry<br>Associati<br>on | 20-03-20<br>20<br>00:00:00 | 31-03-20<br>20<br>00:00:00 | 12 | 3          | 0 | 3         | Yes | Scholars<br>hip | Team<br>based<br>projects<br>to<br>enhance<br>problem<br>solving<br>and<br>computati<br>onal<br>thinking | No   | Award /<br>Position /<br>Recognition<br>SecuredScholarshipTitle of<br>Innovation /<br>Start-up<br>Secured the<br>Award /<br>RecognitionTeam<br>based<br>projects to<br>enhance<br>problem<br>solving and<br>computatio<br>nal thinkingAward/Recog<br>nition/Achieve<br>ment<br>Received forIdea/Innova<br>tion/Prototy<br>pe |
| 23 | Escalade<br>2019   | Innovatio<br>n | Innovatio<br>n Contest | IIT<br>Guwahati                                      | Govt.<br>Agency<br>(Central)                   | 28-08-20<br>19<br>00:00:00 | 02-09-20<br>19<br>00:00:00 | 6  | 8          | 0 | 8         | Yes | Third           | Third<br>position<br>in<br>Escalade<br>2019  | 15000<br>TotalTotal<br>Expense<br>Amount<br>Incurred by<br>Institute? (In<br>Rupees) | Award /<br>Position /<br>Recognition<br>SecuredThirdTitle of<br>Innovation /<br>Start-up<br>Secured the<br>Award /<br>RecognitionThird<br>position in<br>Escalade<br>2019Award/Recog<br>nition/Achieve<br>ment<br>Received forIdea/Innova<br>tion/Prototy<br>pe  |

| Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up |
|--|
| at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI  |

|    |   |                | . ,           |   |  | <u>`</u>                   |                            |   |    |   |    |     |  |   |    |   |  |
|----|---|----------------|---------------|---|--|----------------------------|----------------------------|---|----|---|----|-----|--|---|----|---|--|
| 24 | Internshi<br>p Award<br>2019  | Innovatio<br>n | Ideation      | Garrett<br>Motion<br>Tech<br>India P<br>Ltd   | Corporat<br>e /<br>Industry<br>Associati<br>on | 21-11-20<br>19<br>00:00:00 | 21-11-20<br>19<br>00:00:00 | 1 | 5  | 0 | 5  | Yes | Best<br>Internshi<br>p Award<br>2019<br>nationally | Cost<br>Competiti<br>Ve<br>GT12WG<br>Turbocha<br>rger | No | Award /<br>Position /<br>Recognition<br>Secured<br>Title of<br>Innovation /<br>Start-up<br>Secured the<br>Award /<br>Recognition<br>Award/Recog<br>nition/Achieve<br>ment<br>Received for | Best<br>Internship<br>Award 2019<br>nationally<br>Cost<br>Competitive<br>GT12WG<br>Turbocharg<br>er<br>Idea/Innova<br>tion/Prototy<br>pe |
| 25 | National<br>Payment<br>Corporati<br>on of<br>India(NC<br>PI)<br>Hackatho<br>n | Innovatio<br>n | Hackatho<br>n | National<br>Payment<br>S<br>Corporati<br>on of<br>India   | Corporat<br>e /<br>Industry<br>Associati<br>on | 27-01-20<br>20<br>00:00:00 | 27-01-20<br>20<br>00:00:00 | 1 | 4  | 0 | 4  | Yes | Second   | voice<br>based<br>payments                            | No | Award /<br>Position /<br>Recognition<br>Secured<br>Title of<br>Innovation /<br>Start-up<br>Secured the<br>Award /<br>Recognition<br>Award/Recog<br>nition/Achieve<br>ment<br>Received for | Second<br>voice based<br>payments<br>Idea/Innova<br>tion/Prototy<br>pe   |
| 26 | NEC<br>Transport<br>ation<br>Hackatho<br>n IIT<br>Delhi                       | Innovatio<br>n | Hackatho<br>n | NEC<br>Laborator<br>ies India<br>an R and<br>D center<br>under<br>NEC<br>Technolo<br>gies India | Corporat<br>e /<br>Industry<br>Associati<br>on | 11-01-20<br>20<br>00:00:00 | 12-01-20<br>20<br>00:00:00 | 2 | 10 | 0 | 10 | Yes | Third  | Digitizatio<br>n of rural<br>india                    | No | Award /<br>Position /<br>Recognition<br>Secured<br>Title of<br>Innovation /<br>Start-up<br>Secured the<br>Award /<br>Recognition<br>Award/Recog<br>nition/Achieve<br>ment<br>Received for | Third<br>Digitization<br>of rural<br>india   |

| 27 | NEC<br>Hackatho<br>n               | Innovatio<br>n | Hackatho<br>n | NEC<br>Corporati<br>on New<br>Delhi    | Corporat<br>e /<br>Industry<br>Associati<br>on | 28-09-20<br>19<br>00:00:00 | 29-09-20<br>19<br>00:00:00 | 2 | 3 | 0 | 3 | Yes | Third           | Enhance<br>d<br>Customer<br>Experien<br>ce<br>Powered<br>by Al | No | Award /<br>Position /<br>Recognition<br>Secured<br>Title of<br>Innovation /<br>Start-up<br>Secured the<br>Award /<br>Recognition<br>Award/Recog<br>nition/Achieve<br>ment<br>Received for | Third<br>Enhanced<br>Customer<br>Experience<br>Powered by<br>Al<br>Idea/Innova<br>tion/Prototy<br>pe               |
|----|------------------------------------|----------------|---------------|--|--|----------------------------|----------------------------|---|---|---|---|-----|-----------------|--|----|---|--|
| 28 | Synd<br>Innovate<br>Hackatho<br>n. | Innovatio<br>n | Hackatho<br>n | Syndicat<br>e Bank at<br>Bangalor<br>e | Corporat<br>e /<br>Industry<br>Associati<br>on | 01-10-20<br>19<br>00:00:00 | 01-10-20<br>19<br>00:00:00 | 1 | 6 | 0 | 6 | Yes | Consolati<br>on | Voice<br>based<br>customer<br>grievance<br>readrisal<br>system | Νο | Award /<br>Position /<br>Recognition<br>Secured<br>Title of<br>Innovation /<br>Start-up<br>Secured the<br>Award /<br>Recognition<br>Award/Recog<br>nition/Achieve<br>ment<br>Received for | Consolation<br>Voice<br>based<br>customer<br>grievance<br>readrisal<br>system<br>Idea/Innova<br>tion/Prototy<br>pe |
| 29 | ACM<br>ICPC                        | Innovatio<br>n | Ideation      | ICPC                                   | Internatio<br>nal<br>Agencies                  | 15-01-20<br>20<br>00:00:00 | 15-01-20<br>20<br>00:00:00 | 1 | 3 | 0 | 3 | Yes | 28 rank         | Data<br>structure<br>and<br>algorithm<br>s                     | No | Award /<br>Position /<br>Recognition<br>Secured<br>Title of<br>Innovation /<br>Start-up<br>Secured the<br>Award /<br>Recognition<br>Award/Recog<br>nition/Achieve<br>ment<br>Received for | 28 rank Data structure and algorithms Idea/Innova tion/Prototy pe  |

| 3 | 0 | ICPC | Innovatio<br>n | Ideation | IIT Pune<br>and IITM<br>Gwalior | Educatio<br>nal<br>Institute | 14-12-20<br>19<br>00:00:00 | 15-12-20<br>19<br>00:00:00 | 2 | 3 | 0 | 3 | Yes | Fifth | Data<br>structure<br>and<br>algorithm<br>s theme | No | Award /<br>Position /<br>Recognition<br>Secured                               | Fifth   |
|---|---|------|----------------|----------|---------------------------------|------------------------------|----------------------------|----------------------------|---|---|---|---|-----|-------|--|----|---|---|
|   |   |      |                |          |                                 |                              |                            |                            |   |   |   |   |     |       |  |    | Title of<br>Innovation /<br>Start-up<br>Secured the<br>Award /<br>Recognition | Data<br>structure<br>and<br>algorithms<br>theme |
|   |   |      |                |          |                                 |                              |                            |                            |   |   |   |   |     |       |  |    | Award/Recog<br>nition/Achieve<br>ment<br>Received for                         | Idea/Innova<br>tion/Prototy<br>pe               |

#### Section 2 > i : List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)

| Srno | Title of Course/Subject<br>Offered        | Program Theme                                   | Type of Course                 | Course Offering<br>Department/Centr<br>e/Unit Name | Level of<br>Course                          | Program<br>Start Date | Program End<br>Date | Program<br>Duration(in Days) | Mode of Delivery | Total Numbers of<br>Participants | Total Numbers of<br>Contact Hours of Course<br>( Minimum 30 Contact<br>hours) |
|------|---|---|--------------------------------|--|---|-----------------------|---------------------|------------------------------|------------------|----------------------------------|---|
| 1    | Professional Ethics and<br>Etiquettes     | Entrepreneurship/Startup,<br>Innovation         | Short term<br>Course           | Major/Minor<br>Specialization                      | Information<br>Technology                   | 20-06-2019            | 20-11-2019          | 154                          | Offline          | 19                               | 32  |
| 2    | Digital and Social Media<br>Marketing     | Entrepreneurship/Startup,<br>Innovation         | Short term<br>Course           | Major/Minor<br>Specialization                      | Information<br>Technology                   | 20-06-2019            | 20-11-2019          | 154                          | Offline          | 17                               | 32  |
| 3    | Leadership and Personality<br>Development | Entrepreneurship/Startup,<br>Innovation         | Short term<br>Course           | Major/Minor<br>Specialization                      | Information<br>Technology                   | 20-06-2019            | 20-11-2019          | 154                          | Offline          | 9                                | 32  |
| 4    | IPR and Patenting                         | IPR,<br>Entrepreneurship/Startup                | Short term<br>Course           | Major/Minor<br>Specialization                      | Information<br>Technology                   | 20-06-2019            | 20-11-2019          | 154                          | Offline          | 12                               | 32  |
| 5    | Critical Thinking                         | Innovation                                      | Short term<br>Course           | Major/Minor<br>Specialization                      | Information<br>Technology                   | 20-06-2019            | 20-11-2019          | 154                          | Offline          | 16                               | 32  |
| 6    | IoT Application in<br>Engineering Field   | Innovation                                      | Short term<br>Course           | Major/Minor<br>Specialization                      | Information<br>Technology                   | 20-06-2019            | 20-11-2019          | 154                          | Offline          | 16                               | 32  |
| 7    | Entrepreneurship                          | Entrepreneurship/Startup                        | Short term<br>Course           | Major/Minor<br>Specialization                      | Information<br>Technology                   | 20-06-2019            | 20-11-2019          | 154                          | Offline          | 12                               | 32  |
| 8    | Cognitive Computing                       | Innovation                                      | Short term<br>Course           | Major/Minor<br>Specialization                      | Information<br>Technology                   | 20-06-2019            | 20-11-2019          | 154                          | Online           | 16                               | 32  |
| 9    | AI and Robotics                           | Innovation                                      | Short term<br>Course           | Major/Minor<br>Specialization                      | Information<br>Technology                   | 20-06-2019            | 20-11-2019          | 154                          | Offline          | 16                               | 32  |
| 10   | Project Based Seminar                     | IPR,<br>Entrepreneurship/Startup,<br>Innovation | Elective/Core<br>Credit Course | Credit Course<br>(Compulsory)                      | Information<br>Technology                   | 20-06-2019            | 20-11-2019          | 154                          | Offline          | 60                               | 32  |
| 11   | Business Management                       | IPR,<br>Entrepreneurship/Startup,<br>Innovation | Elective/Core<br>Credit Course | Credit Course<br>(Compulsory)                      | Electronics<br>and<br>Telecommuni<br>cation | 03-01-2020            | 30-04-2020          | 119                          | Offline          | 60                               | 36  |
| 12   | Employability Skills and<br>Mini Project  | Entrepreneurship/Startup,<br>Innovation         | Elective/Core<br>Credit Course | Credit Course<br>(Compulsory)                      | Electronics<br>and<br>Telecommuni<br>cation | 03-01-2020            | 30-04-2020          | 119                          | Offline          | 60                               | 32  |

| 13 | Employability Skill<br>Development        | Innovation               | Elective/Core<br>Credit Course | Credit Course<br>(Compulsory)    | Electronics<br>and<br>Telecommuni<br>cation | 03-01-2020 | 30-04-2020 | 119 | Offline | 60 | 32 |
|----|---|--------------------------|--------------------------------|----------------------------------|---|------------|------------|-----|---------|----|----|
| 14 | Road Safety                               | Innovation               | Short term<br>Course           | Major/Minor<br>Specialization    | Electronics<br>and<br>Telecommuni<br>cation | 03-01-2020 | 30-04-2020 | 119 | Offline | 60 | 32 |
| 15 | Team Building Leadership<br>and Fittenss  | Entrepreneurship/Startup | Short term<br>Course           | Major/Minor<br>Specialization    | Electronics<br>and<br>Telecommuni<br>cation | 03-01-2020 | 30-04-2020 | 119 | Offline | 60 | 32 |
| 16 | Smart Cities                              | Innovation               | Short term<br>Course           | Major/Minor<br>Specialization    | Computer<br>Engineering                     | 17-06-2019 | 30-09-2019 | 106 | Offline | 33 | 32 |
| 17 | Professional Ethics and<br>Etiquettes     | Innovation               | Short term<br>Course           | Major/Minor<br>Specialization    | Computer<br>Engineering                     | 17-06-2019 | 30-09-2019 | 106 | Offline | 11 | 32 |
| 18 | MOOC Learn New Skills                     | Innovation               | Short term<br>Course           | Short Term<br>Certificate Course | Computer<br>Engineering                     | 17-06-2019 | 30-09-2019 | 106 | Offline | 78 | 32 |
| 19 | IPR                                       | IPR                      | Short term<br>Course           | Major/Minor<br>Specialization    | Computer<br>Engineering                     | 16-12-2019 | 30-04-2020 | 137 | Offline | 7  | 32 |
| 20 | Leadership and Personality<br>Development | Entrepreneurship/Startup | Short term<br>Course           | Major/Minor<br>Specialization    | Computer<br>Engineering                     | 15-12-2019 | 30-04-2020 | 138 | Offline | 12 | 32 |
| 21 | Business Intelligence                     | Entrepreneurship/Startup | Short term<br>Course           | Major/Minor<br>Specialization    | Computer<br>Engineering                     | 16-12-2019 | 30-04-2020 | 137 | Offline | 11 | 32 |
| 22 | Road Safety                               | Innovation               | Short term<br>Course           | Major/Minor<br>Specialization    | Mechanical<br>Engineering                   | 21-06-2019 | 04-10-2019 | 106 | Offline | 62 | 32 |
| 23 | IPR                                       | IPR                      | Short term<br>Course           | Major/Minor<br>Specialization    | Mechanical<br>Engineering                   | 26-12-2019 | 27-02-2020 | 64  | Offline | 62 | 32 |

## Section 2 > ii : List the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)

| Srno | Title of the Training Program   | Program Theme                           | Type of Course                                | Course Offering<br>Department/Centre/<br>Unit Name | Program Start<br>Date | Program End<br>Date | Program<br>Duration(in<br>Days) | Mode of Delivery | Total Numbers of<br>Participants | Total Numbers of Contact<br>Hours of Course (Minimum<br>30 Contact hours) |
|------|---|---|---|--|-----------------------|---------------------|---------------------------------|------------------|----------------------------------|---|
| 1    | Opportunities in IoT Robotics<br>Defense Sector Mentoring on<br>Jobs and Entrepreneurship | Entrepreneurship/Startup                | Employment<br>Generation Training<br>Programs | Training and<br>Placement                          | 01-07-2019            | 05-07-2019          | 5                               | Offline          | 240                              | 30  |
| 2    | Industry trends practices and<br>some cutting edge work winter<br>internship in Avalara   | Entrepreneurship/Startup,<br>Innovation | Employment<br>Generation Training<br>Programs | Training and<br>Placement                          | 01-08-2019            | 04-08-2019          | 4                               | Offline          | 480                              | 30  |
| 3    | Webinar on Digital marketing<br>for Startup   | Entrepreneurship/Startup                | Employment<br>Generation Training<br>Programs | Training and<br>Placement                          | 13-05-2020            | 17-05-2020          | 5                               | Online           | 420                              | 30  |
| 4    | Webinar on Campus to Job to Entrepreneur  | Entrepreneurship/Startup                | Employment<br>Generation Training<br>Programs | Training and<br>Placement                          | 15-05-2020            | 19-05-2020          | 5                               | Online           | 240                              | 30  |
| 5    | Python Programming with<br>Industry Perspective   | Innovation                              | FDP in I&E / IPR                              | Electronics and<br>Telecommunication               | 02-12-2019            | 06-12-2019          | 5                               | Online           | 48                               | 40  |
| 6    | VLSI chip design hands on<br>using open software software<br>EDA                          | Innovation                              | Employment<br>Generation Training<br>Programs | Electronics and<br>Telecommunication               | 16-12-2019            | 20-12-2019          | 5                               | Offline          | 30                               | 35  |

Section 2 > iii : List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)

| Srno | Faculty Name                                       |                                 | Departm               | nent/Centre/Unit Name   |  | D                            | esignation                | Do you have a deo      | gree in I&E & IPR?     | Had the faculty rece<br>IPR during | eived training on I&E &<br>AY 2019-20 |
|------|--|---------------------------------|-----------------------|-------------------------|--|------------------------------|---------------------------|------------------------|------------------------|------------------------------------|---------------------------------------|
| 1    | Dr Shradha Oza                                     |                                 | Electronics and T     | elecommunication        |  | Assistant Pro                | ofessor                   | No                     |                        | Yes                                |                                       |
|      | Training Name                                      | Trai                            | ining Theme           | Type of Course          |  | ng Agency<br>Name            | Training Agency<br>Type   | Training Start Date    | Training End Date      | Training Duration<br>(in Days)     | Mode of Delivery                      |
|      | Faculty Development Program in Entrepreneurship    | IPR,<br>Entrepren<br>Innovatior | eurship/Startup,<br>1 | FDP in I&E, IPR         | NSTED<br>Departr<br>Science<br>Techno<br>Govern<br>India | nent of<br>and<br>logy SPPU, | Govt. Agency<br>(Central) | 09-12-2019<br>00:00:00 | 20-12-2019<br>00:00:00 | 12                                 | Offline                               |
| 2    | Dr Swati Kulkarni                                  |                                 | Applied Science a     | and General Engineering |  | Associate Pr                 | ofessor                   | No                     |                        | Yes                                |                                       |
|      | Training Name                                      | Trai                            | ining Theme           | Type of Course          | Traini<br>I  | ng Agency<br>Name            | Training Agency<br>Type   | Training Start Date    | Training End Date      | Training Duration<br>(in Days)     | Mode of Delivery                      |
|      | Faculty Development Program in Entrepreneurship    | IPR,<br>Entrepren<br>Innovatior | eurship/Startup,<br>1 | FDP in I&E, IPR         | NSTED<br>Departr<br>Science<br>Techno<br>Govern<br>India | nent of<br>and<br>logy SPPU, | Govt. Agency<br>(Central) | 09-12-2019<br>00:00:00 | 20-12-2019<br>00:00:00 | 12                                 | Offline                               |
| 3    | Ms Mridula Chandola                                |                                 | Applied Science a     | and General Engineering |  | Assistant Pro                | ofessor                   | No                     |                        | Yes                                |                                       |
|      | Training Name                                      | Trai                            | ining Theme           | Type of Course          | Traini<br>I  | ng Agency<br>Name            | Training Agency<br>Type   | Training Start Date    | Training End Date      | Training Duration<br>(in Days)     | Mode of Delivery                      |
|      | Faculty Development Program in<br>Entrepreneurship | IPR,<br>Entrepren<br>Innovatior | eurship/Startup,<br>1 | FDP in I&E, IPR         | NSTED<br>Departr<br>Science<br>Techno<br>Govern<br>India | nent of<br>and<br>logy SPPU, | Govt. Agency<br>(Central) | 09-12-2019<br>00:00:00 | 20-12-2019<br>00:00:00 | 12                                 | Offline                               |
| 4    | Ms Anita Ahire                                     |                                 | Applied Science a     | and General Engineering |  | Assistant Pro                | ofessor                   | No                     |                        | Yes                                |                                       |
|      | Training Name                                      | Trai                            | ining Theme           | Type of Course          | Traini   | ng Agency<br>Name            | Training Agency<br>Type   | Training Start Date    | Training End Date      | Training Duration<br>(in Days)     | Mode of Delivery                      |
|      | Faculty Development Program in<br>Entrepreneurship | IPR,<br>Entrepren<br>Innovatior | eurship/Startup,<br>າ | FDP in I&E, IPR         | NSTED<br>Departr<br>Science<br>Techno<br>Govern<br>India | nent of<br>and<br>logy SPPU, | Govt. Agency<br>(Central) | 09-12-2019<br>00:00:00 | 20-12-2019<br>00:00:00 | 12                                 | Offline                               |
| 5    | Dr Harjeet Kaur                                    |                                 | Electronics and T     | elecommunication        |  | Assistant Pro                | ofessor                   | No                     |                        | Yes                                |                                       |

|    | Training Name   | Training Theme                                  | Type of Course                                |  | ig Agency<br>ame           | Training Agency<br>Type   | Training Start Date    | Training End Date      | Training Duration<br>(in Days) | Mode of Delivery |
|----|---|---|---|--|----------------------------|---------------------------|------------------------|------------------------|--------------------------------|------------------|
|    | Faculty Development Program in<br>Entrepreneurship  | IPR,<br>Entrepreneurship/Startup,<br>Innovation | FDP in I&E, IPR                               | NSTEDE<br>Departm<br>Science<br>Technolo<br>Governm<br>India | ent of<br>and<br>ogy SPPU, | Govt. Agency<br>(Central) | 16-09-2019<br>00:00:00 | 27-09-2019<br>00:00:00 | 12                             | Offline          |
| 6  | Dr Seema Tiwari   | Applied Science                                 | and General Engineering                       | g  | Associate P                | rofessor                  | No                     |                        | Yes                            |                  |
|    | Training Name   | Training Theme                                  | Type of Course                                | Trainin<br>N   | ig Agency<br>ame           | Training Agency<br>Type   | Training Start Date    | Training End Date      | Training Duration<br>(in Days) | Mode of Delivery |
|    | Industrial Training on<br>Chemoinformatics  | Innovation                                      | Employment<br>Generation Training<br>Programs | RASA life<br>Informati                                       | e Science<br>cs            | Non-Govt. Agencies        | 06-04-2020<br>00:00:00 | 05-05-2020<br>00:00:00 | 30                             | Online           |
| 7  | Dr Seema Tiwari   | Applied Science                                 | and General Engineering                       | g  | Associate P                | rofessor                  | No                     |                        | Yes                            |                  |
|    | Training Name   | Training Theme                                  | Type of Course                                | Trainin<br>N   | ig Agency<br>ame           | Training Agency<br>Type   | Training Start Date    | Training End Date      | Training Duration<br>(in Days) | Mode of Delivery |
|    | INNOVATION LECTURE SERIES   | Innovation                                      | Short term<br>Certificate                     | MHRD   |                            | Govt. Agency<br>(Central) | 28-04-2020<br>00:00:00 | 22-05-2020<br>00:00:00 | 25                             | Online           |
| 8  | Dr Seema Tiwari   | Applied Science                                 | and General Engineering                       | g  | Associate P                | rofessor                  | No                     |                        | Yes                            |                  |
|    | Training Name   | Training Theme                                  | Type of Course                                | Trainin<br>N   | ig Agency<br>ame           | Training Agency<br>Type   | Training Start Date    | Training End Date      | Training Duration<br>(in Days) | Mode of Delivery |
|    | Intensive training on IPR   | IPR   | FDP in I&E, IPR                               | RGNIP N  | lagpur                     | Govt. Agency<br>(Central) | 18-05-2020<br>00:00:00 | 25-05-2020<br>00:00:00 | 8                              | Online           |
| 9  | Dr Seema Tiwari   | Applied Science                                 | and General Engineering                       | g  | Associate P                | rofessor                  | No                     |                        | Yes                            |                  |
|    | Training Name   | Training Theme                                  | Type of Course                                | Trainin<br>N   | ig Agency<br>ame           | Training Agency<br>Type   | Training Start Date    | Training End Date      | Training Duration<br>(in Days) | Mode of Delivery |
|    | National Level Online Faculty<br>Development Program on<br>"Research Methodology: Data<br>Collection Methods, Research<br>Tools and Techniques" | Innovation                                      | FDP in I&E, IPR                               | Researcl<br>Developr<br>AISSMS<br>Pune                       | ment Cell,                 | Educational Institute     | 09-06-2020<br>00:00:00 | 15-06-2020<br>00:00:00 | 7                              | Online           |
| 10 | Sanjay Gaikwad  | Mechanical Engi                                 | neering                                       |  | Assistant Pr               | ofessor                   | No                     |                        | Yes                            |                  |
|    | Training Name   | Training Theme                                  | Type of Course                                | Trainin<br>N   | ig Agency<br>ame           | Training Agency<br>Type   | Training Start Date    | Training End Date      | Training Duration<br>(in Days) | Mode of Delivery |
|    | IIC Online Sessions   | IPR,<br>Entrepreneurship/Startup,<br>Innovation | Short term<br>Certificate                     | MHRD   |                            | Govt. Agency<br>(Central) | 28-04-2020<br>00:00:00 | 22-05-2020<br>00:00:00 | 25                             | Online           |
|    |   |   |   |  |                            |                           |                        |                        |                                |                  |

|    | Training Name       | Training Theme                                  | Type of Course            | Training Agency<br>Name | Training Agency<br>Type   | Training Start Date    | Training End Date      | Training Duration<br>(in Days) | Mode of Delivery |
|----|---------------------|---|---------------------------|-------------------------|---------------------------|------------------------|------------------------|--------------------------------|------------------|
|    | IIC Online Session  | IPR,<br>Entrepreneurship/Startup,<br>Innovation | Short term<br>Certificate | MHRD, India             | Govt. Agency<br>(Central) | 28-04-2020<br>00:00:00 | 22-05-2020<br>00:00:00 | 25                             | Online           |
| 12 | Raviraj Gurav       | Mechanical Engi                                 | neering                   | Assistant Pr            | ofessor                   | No                     |                        | Yes                            |                  |
|    | Training Name       | Training Theme                                  | Type of Course            | Training Agency<br>Name | Training Agency<br>Type   | Training Start Date    | Training End Date      | Training Duration<br>(in Days) | Mode of Delivery |
|    | IIC Online Session  | IPR,<br>Entrepreneurship/Startup,<br>Innovation | Short term<br>Certificate | MHRD, India             | Govt. Agency<br>(Central) | 28-04-2020<br>00:00:00 | 22-05-2020<br>00:00:00 | 25                             | Online           |
| 13 | Vaishali Ingale     | Information Tech                                | nology                    | Assistant Pr            | ofessor                   | No                     |                        | Yes                            |                  |
|    | Training Name       | Training Theme                                  | Type of Course            | Training Agency<br>Name | Training Agency<br>Type   | Training Start Date    | Training End Date      | Training Duration<br>(in Days) | Mode of Delivery |
|    | IIC Online Session  | IPR,<br>Entrepreneurship/Startup,<br>Innovation | Short term<br>Certificate | MHRD, India             | Govt. Agency<br>(Central) | 28-04-2020<br>00:00:00 | 22-05-2020<br>00:00:00 | 25                             | Online           |
| 14 | Aparna Joshi        | Information Tech                                | nology                    | Assistant Pr            | ofessor                   | No                     |                        | Yes                            |                  |
|    | Training Name       | Training Theme                                  | Type of Course            | Training Agency<br>Name | Training Agency<br>Type   | Training Start Date    | Training End Date      | Training Duration<br>(in Days) | Mode of Delivery |
|    | IIC Online Sessions | IPR,<br>Entrepreneurship/Startup,<br>Innovation | Short term<br>Certificate | MHRD, India             | Govt. Agency<br>(Central) | 28-04-2020<br>00:00:00 | 22-05-2020<br>00:00:00 | 25                             | Online           |
| 15 | Dr Rahul Desai      | Information Tech                                | nology                    | Associate P             | rofessor                  | No                     |                        | Yes                            |                  |
|    | Training Name       | Training Theme                                  | Type of Course            | Training Agency<br>Name | Training Agency<br>Type   | Training Start Date    | Training End Date      | Training Duration<br>(in Days) | Mode of Delivery |
|    | IIC Online Sessions | IPR,<br>Entrepreneurship/Startup,<br>Innovation | Short term<br>Certificate | MHRD, India             | Govt. Agency<br>(Central) | 28-04-2020<br>00:00:00 | 22-05-2020<br>00:00:00 | 25                             | Online           |
| 16 | Geeta Patil         | Information Tech                                | nology                    | Assistant Pr            | ofessor                   | No                     |                        | Yes                            |                  |
|    | Training Name       | Training Theme                                  | Type of Course            | Training Agency<br>Name | Training Agency<br>Type   | Training Start Date    | Training End Date      | Training Duration<br>(in Days) | Mode of Delivery |
|    | IIC Online Sessions | IPR,<br>Entrepreneurship/Startup,<br>Innovation | Short term<br>Certificate | MHRD, India             | Govt. Agency<br>(Central) | 28-04-2020<br>00:00:00 | 22-05-2020<br>00:00:00 | 25                             | Online           |
| 17 | Dr Sangeeta Jadhav  | Information Tech                                | nology                    | Professor               |                           | No                     |                        | Yes                            |                  |
|    | Training Name       | Training Theme                                  | Type of Course            | Training Agency<br>Name | Training Agency<br>Type   | Training Start Date    | Training End Date      | Training Duration<br>(in Days) | Mode of Delivery |
|    | IIC Online Sessions | IPR,<br>Entrepreneurship/Startup,<br>Innovation | Short term<br>Certificate | MHRD, India             | Govt. Agency<br>(Central) | 28-04-2020<br>00:00:00 | 22-05-2020<br>00:00:00 | 25                             | Online           |
| 18 | Dr J D Patil        | Mechanical Engi                                 | neering                   | Associate P             | rofessor                  | No                     |                        | Yes                            |                  |

|    | Training Name       | Training Theme                                  | Type of Course            | Training Agency<br>Name | Training Agency<br>Type   | Training Start Date    | Training End Date      | Training Duration<br>(in Days) | Mode of Delivery |
|----|---------------------|---|---------------------------|-------------------------|---------------------------|------------------------|------------------------|--------------------------------|------------------|
|    | IIC Online Sessions | IPR,<br>Entrepreneurship/Startup,<br>Innovation | Short term<br>Certificate | MHRD, India             | Govt. Agency<br>(Central) | 28-04-2020<br>00:00:00 | 22-05-2020<br>00:00:00 | 25                             | Online           |
| 19 | Dr Pritee Purohit   | Mechanical Eng                                  | ineering                  | Assistant P             | rofessor                  | No                     |                        | Yes                            |                  |
|    | Training Name       | Training Theme                                  | Type of Course            | Training Agency<br>Name | Training Agency<br>Type   | Training Start Date    | Training End Date      | Training Duration<br>(in Days) | Mode of Delivery |
|    | IIC Online Sessions | IPR,<br>Entrepreneurship/Startup,<br>Innovation | Short term<br>Certificate | MHRD, India             | Govt. Agency<br>(Central) | 28-04-2020<br>00:00:00 | 22-05-2020<br>00:00:00 | 25                             | Online           |
| 20 | Pankaj Dorlikar     | Mechanical Eng                                  | ineering                  | Assistant P             | rofessor                  | No                     |                        | Yes                            |                  |
|    | Training Name       | Training Theme                                  | Type of Course            | Training Agency<br>Name | Training Agency<br>Type   | Training Start Date    | Training End Date      | Training Duration<br>(in Days) | Mode of Delivery |
|    | IIC Online Sessions | IPR,<br>Entrepreneurship/Startup,<br>Innovation | Short term<br>Certificate | MHRD, India             | Govt. Agency<br>(Central) | 28-04-2020<br>00:00:00 | 22-05-2020<br>00:00:00 | 25                             | Online           |
| 21 | Anand Ramgude       | Mechanical Eng                                  | ineering                  | Assistant P             | rofessor                  | No                     |                        | Yes                            |                  |
|    | Training Name       | Training Theme                                  | Type of Course            | Training Agency<br>Name | Training Agency<br>Type   | Training Start Date    | Training End Date      | Training Duration<br>(in Days) | Mode of Delivery |
|    | IIC Online Sessions | IPR,<br>Entrepreneurship/Startup,<br>Innovation | Short term<br>Certificate | MHRD, India             | Govt. Agency<br>(Central) | 28-04-2020<br>00:00:00 | 22-05-2020<br>00:00:00 | 25                             | Online           |
| 22 | Dr K S Surekha      | Electronics and                                 | Telecommunication         | Professor               |                           | No                     |                        | Yes                            |                  |
|    | Training Name       | Training Theme                                  | Type of Course            | Training Agency<br>Name | Training Agency<br>Type   | Training Start Date    | Training End Date      | Training Duration<br>(in Days) | Mode of Delivery |
|    | IIC Online Sessions | IPR,<br>Entrepreneurship/Startup,<br>Innovation | Short term<br>Certificate | MHRD, India             | Govt. Agency<br>(Central) | 28-04-2020<br>00:00:00 | 22-05-2020<br>00:00:00 | 25                             | Online           |
| 23 | Yuvraj Gholap       | Information Tec                                 | hnology                   | Assistant P             | rofessor                  | No                     |                        | Yes                            |                  |
|    | Training Name       | Training Theme                                  | Type of Course            | Training Agency<br>Name | Training Agency<br>Type   | Training Start Date    | Training End Date      | Training Duration<br>(in Days) | Mode of Delivery |
|    | IIC Onilne Sessions | IPR,<br>Entrepreneurship/Startup,<br>Innovation | Short term<br>Certificate | MHRD, India             | Govt. Agency<br>(Central) | 28-04-2020<br>00:00:00 | 22-05-2020<br>00:00:00 | 25                             | Online           |

Section 3 > i : List Idea/Innovation Centric Student Clubs Are Functional at the HEI with Access to Co-working Space/Work-stations for Students with Facilities & Equipment Available to promote and Support Innovation, Entrepreneurship and IPR Activities in Campus

| Srno | Name of Student Club | Type of Club | Year of Establishment | Type of Facilities<br>Available at the Club | Student Club<br>with Access to<br>Other I&E<br>Facilities at the<br>HEI | No of<br>Programs/Activiti<br>es Organized by<br>the Student Club<br>During the AY<br>2019-20 | Student Club<br>Team Lead<br>Name | Student Club Team<br>Lead Email | Student Club Team<br>Lead Phone |  |
|------|----------------------|--------------|-----------------------|---|---|---|-----------------------------------|---------------------------------|---------------------------------|--|
|------|----------------------|--------------|-----------------------|---|---|---|-----------------------------------|---------------------------------|---------------------------------|--|

| 1 | Innovation and Entreprenuership<br>Cell            | Innovation Club | 2019 | Co-working Space,3D<br>Printing   | Innovation<br>Labs,IPR<br>Cell/Technology<br>Transfer Centre | 15 | Mr Kenneth D<br>Silva   | kenneth_17503@aitpu<br>ne.edu.in     | 9673042048 |
|---|--|-----------------|------|-----------------------------------|--|----|-------------------------|--------------------------------------|------------|
| 2 | Center Of Excellence for AI and Robotics           | Innovation Club | 2013 | Co-working Space                  | Incubation<br>Unit,Innovation<br>Labs                        | 4  | Abhishek Jha            | abhishekjha_18633@a<br>itpune.edu.in | 7887467349 |
| 3 | Open Source Software                               | Idea Club       | 2011 | Co-working<br>Space,Work Stations | Incubation<br>Unit,Innovation<br>Labs                        | 5  | Arpit Kumar<br>Mishra   | arpitmishra_17158@ait<br>pune.edu.in | 9919098303 |
| 4 | Technical Board                                    | Idea Club       | 2000 | Co-working Space                  | Incubation<br>Unit,Innovation<br>Labs                        | 15 | Arun                    | arun_18341@aitpune.<br>edu.in        | 6377173879 |
| 5 | SAE - AIT Collegiate Club                          | Idea Club       | 2009 | Co-working<br>Space,Work Stations | Innovation Labs  | 0  | YASH VIJAY<br>SHENDOKAR | yshendokar20@gmail.<br>com           | 8551947240 |
| 6 | Competitive Coding Club                            | Idea Club       | 2019 | Co-working<br>Space,Work Stations | Innovation Labs  | 3  | Amitav Soni             | amitavsoni_17011@ait<br>pune.edu.in  | 8446818391 |
| 7 | Information Security and Digital<br>Forensics Club | Idea Club       | 2019 | Co-working<br>Space,Work Stations | Innovation Labs  | 2  | Bijay Singh             | bijaysingh_18254@ait<br>pune.edu.in  | 8057743571 |

# Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

| Srno | Name of Pre-<br>Incubation Centre         | Type of<br>Facility | Year of<br>Establishme<br>nt | Type of<br>Facilities<br>Available at<br>the Centre                                 | Pre-Incubation<br>with Access to<br>Other I&E<br>Facilities at the<br>HEI   | Available          | Facility Details   | Total Nos of Dedi<br>Executive/Manag<br>team Strength Eng<br>the Facility | icated Unit P<br>ement Idea/Pro<br>aged at on Dev<br>impleme<br>the Fir | Pre-Incubation<br>Provided any<br>g Support for<br>totype/Innovati<br>elopment and<br>entation during<br>nancial Year<br>019-20 | Had insti<br>Generated I<br>either from S<br>Offered by<br>Incubat<br>Centre/Fac | Income<br>Services<br>/ Pre-<br>ion  | Had institute spent expenses either<br>from own resource/received fund<br>towards Establishment/Operation<br>of Pre-Incubation Centre/Facilities? |
|------|---|---------------------|------------------------------|---|---|--------------------|--|---|---|---|--|--|---|
| 1    | Innovation and<br>Entreprenurship<br>Cell | EDC                 | 2019                         | Co-working<br>Space,3D<br>Printing &<br>Prototype<br>Equipment,<br>Work<br>Stations | Innovation<br>Labs,Centre of<br>Excellence with<br>Advance<br>Tools,IPR<br>Cell/Technology<br>Transfer<br>Centre,Student<br>Clubs | Excellence<br>with | Facility<br>Incharge<br>NameDr<br>Shradd<br>ha OzaFacility<br>Incharge<br>Emailsdoza<br>@aitpu<br>ne.edu.<br>inFacility<br>Incharge<br>Phone988120<br>4415 | 6   | Yes   |   | No   |  | Yes   |
|      | Source of Grant / Fund                    |                     |                              |   |   | Agency Name        |  |   | Agency Type   |   |  | Total Grants / Funds Received by Pre-<br>Incubation & Incubation Centre / Facilities<br>exists in Campus (In Rupees) |   |
|      | Institute's Own Fund / Resource           |                     |                              |   | AIT   |                    |  | Educational Institute   |   |   | 20000  |  |   |

## Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

| 2 | 3D PLM             | Tinkering<br>Lab | 2017              | Co-working<br>Space,3D<br>Printing &<br>Prototype<br>Equipment,<br>Work<br>Stations | Innovation<br>Labs,Centre of<br>Excellence with<br>Advance<br>Tools,Student<br>Clubs | Innovation<br>Labs,Centre<br>of<br>Excellence<br>with<br>Advance<br>Tools,Stude<br>nt Clubs | Facility<br>Incharge<br>Name<br>Facility<br>Incharge<br>Email<br>Facility<br>Incharge<br>Phone | Prof<br>Avinas<br>h Patil<br>apatil<br>@aitpu<br>ne.edu.<br>in<br>982367<br>8051 | 15 |          | Νο             | No |                            | Yes  |
|---|--------------------|------------------|-------------------|---|--|---|--|--|----|----------|----------------|----|----------------------------|--|
|   |                    | Sour             | rce of Grant / Fu | nd  |  |   | Agenc  | y Name   |    |          | Agency Type    |    | Total C<br>Incubatio<br>ex | Grants / Funds Received by Pre-<br>on & Incubation Centre / Facilities<br>ists in Campus (In Rupees) |
|   | Institute's Own Fu | ind / Resource   |                   |   | ,  | Army Institute of T   | Technology   |  |    | Educatio | onal Institute |    | 100000                     |  |

#### Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

| Srno | Name of CoE Facility                              | Year of<br>Establishment | CoE with Access<br>to Other I&E<br>Facilities at the<br>HEI   | Name of the<br>Funding<br>Schemes<br>Available with<br>CoE, if any<br>(Optional) | Facility Details  | Total Nos of<br>Dedicated<br>Executive/Manag<br>ement team<br>Strength<br>Engaged at the<br>Facility | Had the CoE Provided any<br>Funding Support for<br>Idea/Prototype/Innovation<br>Development and<br>implementation during the<br>Financial Year 2019-20? | Had institute Generated Income<br>either from Services Offered by CoE<br>Centre/Facilities? | Had institute spent expenses<br>either from own<br>resource/received fund towards<br>Establishment/Operation of<br>CoE Centre/Facilities? |
|------|---|--------------------------|---|--|---|--|---|---|---|
| 1    | Innovation and<br>Development Center -<br>Robu.in | 2018                     | IPR<br>Cell/Technology<br>Transfer<br>Centre,Student<br>Clubs | NA   | Facility<br>Incharge<br>NameDr<br>Shradd<br>ha OzaFacility<br>Incharge<br>Emailsdoza<br>@ aitpu<br>ne.edu<br>.inFacility<br>Incharge<br>Phone98812<br>04415 | 2  | Yes   | No  | No  |

#### Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

| 2 | Center Of Excellence for<br>AI and Robotics | 2018 | Incubation<br>Unit,Innovation<br>Labs,Student<br>Clubs | Institute budget | Facility<br>Incharge<br>Name  | Avinas<br>h Patil                 | 2 | Yes | Yes<br>Total Annual 25000   | No |
|---|---|------|--|------------------|-------------------------------|-----------------------------------|---|-----|---|----|
|   |   |      |  |                  | Facility<br>Incharge<br>Email | apatil<br>@aitpu<br>ne.edu<br>.in |   |     | Income from<br>Training and<br>Skill<br>Development<br>Services (In<br>Rupees)  |    |
|   |   |      |  |                  | Facility<br>Incharge<br>Phone | 98236<br>78051                    |   |     | Total Annual 0<br>Income from<br>(Technical and<br>Business)<br>Mentoring<br>Services (In<br>Rupees)                  |    |
|   |   |      |  |                  | Phone                         |                                   |   |     | Total Annual 0<br>Income from<br>Office Space<br>and Rental<br>Services to<br>Start-<br>ups/Innovators<br>(In Rupees) |    |

#### Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

No Data Filed!

#### Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

No Data Flled!

#### Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI

| Srno | Name of IPR<br>Cell/Technology<br>Transfer Centre Facility | Year of<br>Establishment | IPR<br>Cell/Technology<br>Transfer Centre<br>with Access to<br>Other I&E<br>Facilities at the<br>HEI | Name of the<br>Funding<br>Schemes<br>Available with<br>IPR<br>Cell/Technology<br>Transfer Centre,<br>if any (Optional) | Facility Details   | Total Nos of<br>Dedicated<br>Executive/Manag<br>ement team<br>Strength<br>Engaged at the<br>Facility | Had the IPR Cell/Technology<br>Transfer Centre Provided any<br>Funding Support for<br>Idea/Prototype/Innovation<br>Development and<br>implementation during the<br>Financial Year 2019-20? | Had institute Generated Income<br>either from Services Offered by IPR<br>Cell/Technology Transfer Centre? | Had the IPR Cell/Technology<br>Transfer Centre Provided any<br>Funding Support for<br>Idea/Prototype/Innovation/Start<br>up/Venture Development and<br>implementation during the<br>Financial Year 2019-20? |
|------|--|--------------------------|--|--|--|--|--|---|---|
| 1    | IPR Cell   | 2019                     | Student Clubs  | AIT  | Facility<br>Incharge<br>NameDr<br>Seema<br>TiwariFacility<br>Incharge<br>Emailstiwari<br>@ aitpu<br>ne.edu<br>.inFacility<br>Incharge<br>Phone94050<br>12782 | 02   | Yes  | No  | No  |

#### Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

| Srno | Name of the Faculty         | Designation of the Faculty | Mentor Expert Area   |        | Years of Experience in Mentorship (In Years) |
|------|-----------------------------|----------------------------|--|--------|--|
| 1    | Dr Shradha Oza              | Assistant Professor        | Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protec<br>Commercialization | tion & | 1  |
|      | Name of Idea/Innovation/ St | artup Mentored             | Mentoring Setup [Within (or) Outside] HEI  |        | CIN (in case it is Startup)                  |
|      | myAlmate                    |                            | Within   |        |  |

#### Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

| Srno | Name of the External Expert/Agency as       | Mentor     |              |                                |   |                         | Type of Mentorship                        |                                      |                      |  |
|------|---|------------|--------------|--------------------------------|---|-------------------------|---|--------------------------------------|----------------------|--|
| 1    | Mr Vijender Yadav, CEO, Accops              |            | Idea/Inno    | vation Development             |   |                         |   | Structured Mentors                   | hip                  |  |
|      | Structured Mentorship Program Name          | Start Da   | te           | End Date                       | Total No of Days of<br>Mentorship Program | No of Mentors Involved  | Mentorship Cohort Size<br>(No. of Mentee) |                                      | Type of Mentee       |  |
|      | Protype Building , Patent, Business Plan    | 14-09-2019 |              | 28-02-2020                     | 168                                       | 02                      | 04  |                                      | Innovation/Prototype |  |
| 2    | Mr. Abhijeet Deogirikar                     |            | Idea/Inno    | vation Development, Entreprene | eurship/Startup Development               |                         |   | Structured Mentors                   | hip                  |  |
|      | Structured Mentorship Program Name          | Start Da   | te           | End Date                       | Total No of Days of<br>Mentorship Program | No of Mentors Involved  | Mentorship Cohort Size<br>(No. of Mentee) |                                      | Type of Mentee       |  |
|      | cloud computing 25-09-2019                  |            |              | 25-10-2019                     | 31  | 02                      | 10  | Innovation/Prototype                 |                      |  |
| 3    | Pawan Yadav                                 |            | Entreprer    | neurship/Startup Development   |   | Unstructured Mentorship |   |                                      |                      |  |
| 4    | Mr Pawan Yadav                              |            | Entreprer    | neurship/Startup Development   |   |                         |   | Structured Mentorship                |                      |  |
|      | Structured Mentorship Program Name          | Start Da   | te           | End Date                       | Total No of Days of<br>Mentorship Program | No of Mentors Involved  | Mente<br>(1                               | orship Cohort Size<br>No. of Mentee) | Type of Mentee       |  |
|      | Protype Building, Business Plan             | 01-09-2019 |              | 31-03-2020                     | 213                                       | 01                      | 03  |                                      | Early Stage Startup  |  |
| 5    | Mr Jayesh Jain, Director, MACFOS Pvt Ltd    |            | Idea/Inno    | vation Development, Entreprene | eurship/Startup Development               |                         |   | Structured Mentors                   | hip                  |  |
|      | Structured Mentorship Program Name          | Start Da   | te           | End Date                       | Total No of Days of<br>Mentorship Program | No of Mentors Involved  | Mente<br>(1                               | orship Cohort Size<br>No. of Mentee) | Type of Mentee       |  |
|      | Prototype Building                          | 30-06-2019 |              | 31-03-2020                     | 276                                       | 02                      | 03  |                                      | Innovation/Prototype |  |
| 6    | Mr Vijender Yadav                           |            | Idea/Inno    | vation Development, Entreprene | eurship/Startup Development               |                         | Structured Mentors                        |                                      | hip                  |  |
|      | Structured Mentorship Program Name Start Da |            | ate End Date |                                | Total No of Days of<br>Mentorship Program | No of Mentors Involved  | Mentorship Cohort Size<br>(No. of Mentee) |                                      | Type of Mentee       |  |
|      | Idea Pitching Session 28-09-2019            |            |              | 28-09-2019 1 01                |   |                         |   |                                      | Innovation/Prototype |  |
| 7    | Mr Pawan Yadav                              |            | Idea/Inno    | vation Development,Entreprene  |   | Structured Mentorship   |   |                                      |                      |  |

#### Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

|   | Structured Mentorship Program Name           | Start Date | End Date                       | Total No of Days of<br>Mentorship Program | No of Mentors Involved | Mentorship Cohort Size<br>(No. of Mentee) | Type of Mentee |
|---|--|------------|--------------------------------|---|------------------------|---|----------------|
|   | What s idea ?                                | 14-09-2019 | 14-09-2019                     | 1   | 01                     | 60  | Idea           |
| 8 | Mr Abhiijeet Deogirikar and Mr Ankush Tiwari | Idea/Inn   | ovation Development,Entreprene | eurship/Startup Development               |                        | Structured Mento                          | rship          |
|   | Structured Mentorship Program Name           | Start Date | End Date                       | Total No of Days of<br>Mentorship Program | No of Mentors Involved | Mentorship Cohort Size<br>(No. of Mentee) | Type of Mentee |
|   | What is Entreprenurship?                     | 14-09-2019 | 14-09-2019                     | 1   | 02                     | 200                                       | Idea           |

## Section 4 : List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received

| Sm<br>o | Name of the<br>Innovation Generated<br>with the Support of<br>HEI | Type of<br>Innovation | Nature<br>of<br>Innovati<br>on | Name of<br>the HEI<br>Support<br>ed<br>Innovati<br>on<br>Develop<br>ment | Innov<br>ation<br>Devel<br>oped<br>by | Stage<br>of<br>Innov<br>Stage<br>of<br>TRL<br>starte<br>d<br>recei<br>the<br>Suppt<br>durin<br>FY<br>2019-<br>20                          | Stage<br>of<br>Innov<br>ation/<br>Stage<br>of<br>TRL<br>reachs<br>on<br>31st<br>h<br>2020   | Status<br>Pre-<br>Incubati<br>on/Incu<br>bation<br>Support<br>to<br>Innovati<br>on as<br>on 31st<br>March<br>2020 | Had the<br>Innovation<br>Received any<br>Recognition at<br>State, National,<br>International<br>Level Programs<br>during the<br>financial period<br>2019-20   | Had the<br>Innovati<br>on<br>Convert<br>ed into<br>Venture/<br>Startup/<br>SME<br>Unit<br>during<br>the<br>financial<br>period<br>2019-20 | Had Centre/institute provided any<br>Financial support (either own<br>resource or fund received from<br>agencies) in terms of Seed<br>Grant/Fund Support to Idea /<br>Prototype / Innovations<br>Development during the financial<br>period 2019-20 | Had the Innovations raised any<br>Seed fund/Angel Investment/VC<br>during the period of receiving pre-<br>incubation/incubation support at<br>your Pre-incubation/incubation or<br>HEI during the financial period<br>2019-20 | Had the Pre-incubation/Incubation<br>Centre/HEI received any<br>income/revenue from<br>Idea/Prototype/Innovations for the<br>pre-incubation/incubation support<br>and the services offered by Pre-<br>incubation/incubation or institute<br>during the financial period 2019 |
|---------|---|-----------------------|--------------------------------|--|---------------------------------------|---|---|---|---|---|---|---|--|
| 1       | Exnos - Vertical Axis<br>Wind Turbine                             | Product<br>Innovation | Technol<br>ogical              | Innovati<br>on and<br>Entrepr<br>eneursh<br>ip Cell                      | Stude<br>nt                           | TRL<br>4 :<br>Small<br>scale<br>protot<br>ype<br>built<br>in a<br>labor<br>atory<br>envir<br>onme<br>nt<br>("ugly<br>"<br>protot<br>ype). | TRL<br>4 :<br>Small<br>scale<br>protot<br>ype<br>built<br>in a<br>labor<br>atory<br>envir<br>onme<br>nt<br>("ugly<br>"<br>protot<br>ype). | Innovati<br>on<br>Develop<br>ment<br>Complet<br>ed  | Agen<br>cy<br>NamKPI<br>Spa<br>rkel<br>Awa<br>rdAgen<br>cy<br>TypeCor<br>por<br>ate /<br>Indu<br>stry<br>Ass<br>ocia<br>tionAgen<br>cy<br>TypeCor<br>por<br>ate /<br>Indu<br>stry<br>Ass<br>ocia<br>tionAwar<br>d /<br>Positi<br>on /<br>Reco<br>secu<br>redGol<br>d<br>Awa<br>rd | Yes   | 500000<br>Grant Amount<br>in Rs   | No  | No   |

| Name  |   | Туре                    |                              | Gen  | der                 |                            | Email      | Contact    |
|---|---|-------------------------|------------------------------|--|---------------------|----------------------------|------------|------------|
| Priyanshu Dayal   | Student   | t                       |                              | Male   |                     | playboldshadow@gma         | ail.com    | 9915718378 |
| Name  |   | Туре                    |                              | Gen  | der                 |                            | Email      | Contact    |
| Pitamber Panda  | Student   | t                       |                              | Male   |                     | pitambarrock3112@gr        | nail.com   | 8504957683 |
| Vishal Singh  | Student   | Student                 |                              |  |                     | vishalnow4@gmail.com       |            | 9149155300 |
| R B Gurav   | Faculty   | Faculty                 |                              |  |                     | rbgurav@aitpune.edu.       | in         | 7350057110 |
| S M Gaikwad   | Faculty   |                         | Male                         |  | smgaikwad@aitpune.e | edu.in                     | 8007655827 |            |
| 2 Chqlt - Anti-<br>Counterfeiting System Market-place Innovation of | chnol<br>ical Innovati<br>on & nt<br>Entrepr<br>eneursh<br>ip Cell<br>AIT | 4: 7:<br>Small Dem Deve | on Agen<br>lop cy<br>ent Nam | Gov<br>t.<br>Age<br>ncy<br>(Sta<br>te)<br>Rec<br>ogni<br>tion<br>Sec<br>ure<br>d | No                  |                            | No         | No         |
| Name  |   | Туре                    |                              | Gen  | der                 |                            | Email      | Contact    |
| Raj Kumar   | Student   | t                       |                              | Male   |                     | suryabhai.raj@gmail.c      | om         | 8698670658 |
| Name  |   | Туре                    |                              | Gen  | der                 |                            | Email      | Contact    |
| Naman Agarwal   | Student   | Student                 |                              |  |                     | namanagarwal1997@gmail.com |            | 9158381373 |
| Ritesh Kumar  | Student   | t                       |                              | Male   |                     | lambaritesh01@gmail.       | com        | 8446583256 |

| AmpV - Cost Effective<br>Electric Vehicle | Product<br>Innovation | Technol<br>ogical | Innovati<br>on and<br>Entrepr<br>eneursh<br>ip Cell,<br>AIT | Stude<br>nt | TRL<br>5:<br>Large<br>scale<br>protot<br>ype<br>teste<br>d in<br>inten<br>ded<br>envir<br>onme<br>nt. | TRL<br>7:<br>Dem<br>onstr<br>ation<br>syste<br>m<br>opera<br>ting<br>in<br>opera<br>tional<br>envir<br>onme<br>nt at<br>pre-<br>com<br>merci<br>al<br>scale. | Innovati<br>on<br>Develop<br>ment<br>Complet<br>ed | Agen<br>cy<br>Nam<br>e<br>Agen<br>cy<br>Type<br>Awar<br>d /<br>Positi<br>on /<br>Reco<br>gnitio<br>n<br>Secu<br>red | KPI<br>T Spa<br>rkle<br>Cor<br>por<br>ate /<br>Indu<br>stry<br>Ass<br>ocia<br>tion<br>Fina<br>list | No     | Grant Amo<br>in Rs | 30000<br>unt        | No          | No         |
|---|-----------------------|-------------------|---|-------------|---|--|--|---|--|--------|--------------------|---------------------|-------------|------------|
|   | Name                  |                   |   |             |   | Туре   |  |   |  | Gender |                    |                     | Email       | Contact    |
| Madhusudan Bhosale                        |                       |                   |   | Student     |   |  |  |   | Male   |        |                    | madhusudanbhosale   | l@gmail.com | 8208559627 |
|   | Name                  |                   |   |             |   | Туре   |  |   |  | Gender |                    |                     | Email       | Contact    |
| Sahil Uttekar                             |                       |                   |   | Student     |   |  |  |   | Male   |        |                    | sahiluttekar4441@gm | ail.com     | 9834565364 |

Section 5 : List all the Ventures/Startups/SME Units Established with Support of Pre-incubation & Incubation facilities at the HEI

| Srn<br>o | Name of the<br>Venture/Sta<br>rtup/SME<br>Unit<br>Established<br>with the<br>Support of<br>HEI | Type of<br>Innovation<br>of<br>Venture/Sta<br>rtup/SME<br>Unit | Nature<br>of<br>Innovat<br>ion | Name<br>of the<br>Pre-<br>Incubat<br>ion/Inc<br>ubation<br>Unit of<br>HEI<br>Suppor<br>ted<br>Innovat<br>ion<br>Develo<br>pment | Vent<br>ure<br>Foun<br>ded<br>by | Venture Reg   | gisterd as  | Year<br>of<br>Regi<br>strati<br>on | What is the<br>current status<br>of Pre-<br>Incubation/Inc<br>ubation<br>Support to<br>Venture/<br>Startup/ SME<br>Unit as on<br>31st March<br>2020? | Had the Venture Received any<br>Recognition at State, National,<br>International Level Programs<br>during the financial period 2019-<br>20? | Had Centre/institute pr<br>any Financial support<br>own resource or fund re<br>from agencies) in terms<br>Grant/Fund Support to<br>establishment during<br>financial period 2019 | (either<br>eceived<br>of Seed<br>Venture<br>g the | Had the venture/start<br>any Seed fund/A<br>Investment/VC during<br>of receiving pr<br>incubation/incubation<br>your Pre-incubation/inc<br>HEI during the financ<br>2019-20   | ngel<br>the period<br>re-<br>support at<br>cubation or | Had<br>the<br>Pre-<br>incubat<br>ion/Inc<br>ubation<br>Centre/<br>HEI<br>receive<br>d any<br>income<br>/revenu<br>e from<br>venture<br>/startup<br>for the<br>pre-<br>incubat<br>ion/inc<br>ubation<br>support<br>ad the<br>service<br>s<br>offered<br>by Pre-<br>incubat<br>ion/inc<br>ubation<br>support<br>ad the<br>service<br>s<br>offered<br>by Pre-<br>incubat<br>ion/inc<br>ubation<br>support<br>ad the<br>service<br>s<br>offered<br>by Pre-<br>incubat<br>ion/inc<br>ubation<br>support<br>ad the<br>service<br>s<br>offered<br>by Pre-<br>incubat<br>ion/inc<br>ubation<br>or<br>institut<br>e<br>during<br>the<br>financi<br>al<br>period<br>2019-<br>20 | Has<br>the<br>Start-<br>up<br>Grown<br>to a<br>stage<br>of<br>Employ<br>ment<br>Genera<br>tion to<br>10<br>Numbe<br>rs or an<br>annual<br>Turnov<br>er to<br>Rs. 50<br>Lakhs<br>during<br>the<br>financi<br>al year<br>20 |
|----------|--|--|--------------------------------|---|----------------------------------|---|-------------|------------------------------------|--|---|--|---|---|--|---|---|
| 1        | Eureka   | Product<br>Innovation  | Techno<br>logical              | 4350  | Stud<br>ent                      | Venture with<br>Corporate<br>Identification<br>Number (CIN)<br>Registration | AAR-0955    | 2019<br>-20                        | Received<br>Incubation<br>Support from<br>Incubation<br>Unit   | No  | Grant Amount<br>in Rs  | 0   | Loan/Investment<br>Agency Name<br>Agency Type<br>Total Loan/Angel<br>Investment/VC<br>Fund raised by<br>Start-up during<br>the period of pre-<br>incubation/incuba<br>tion support at<br>your Pre-<br>incubation/incuba<br>tion or institute<br>financial period<br>2019-20 (in<br>Rupees)<br>Date of<br>Investment<br>Raised |  | No  | No  |
|          | Name         DIN number           Mr Manish Shakyya         08616781                           |  |                                | ber   | Stud                             | Type<br>lent  | Ger<br>Male |                                    |  | Email Contact   |  |   |   |  |   |   |
|          | Atharva Wankhede 08616780  |  |                                |   | 08616780 Student                 |   |             | Male                               | Male   |   |  | ne.edu.in<br>atharavawankh@gmail.com 7030392951   |   |  |   |   |

#### Section 7 > i : List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI

| Srno | Collaborated Agency Name                            | Collaborated Agency Type         | Purpose of Collaboration   | Type of Support Offered | No. of Student<br>Projects/ Ideas /<br>Innovation / Startups<br>from the HEI get<br>benefitted through<br>this partnership | Date of MOU /<br>Agreement Signed<br>on |
|------|---|----------------------------------|--|-------------------------|--|---|
| 1    | E Cell IIT, Bombay                                  | Educational Institute            | Providing (or) Receiving Mentor and Handholding Support to<br>Support I&E Activities | Networking              | 30   | 19-08-2019                              |
| 2    | Sigma Electric Manufacturing Corporation<br>Pvt Ltd | Corporate / Industry Association | Providing (or) Receiving Mentor and Handholding Support to<br>Support I&E Activities | Mentoring               | NIL  | 23-11-2019                              |
| 3    | 3D PLM  | Corporate / Industry Association | Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities    | Mentoring               | 01   | 25-01-2019                              |

#### Section 8 > ii : List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner

#### No Data Flled!

#### Section 8 > iii : List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner

| Srno | Title/Name of Patent  | IP Registration Number | Date of Filed/Published (Year, Month) | Application Level | Copy of receipt / application screenshot [PDF or Image] |
|------|---|------------------------|---------------------------------------|-------------------|---|
| 1    | INNOVATIVE TECHNOLOGY FOR<br>EFFECTIVE REMOVAL OF IMPURITIES<br>FROM WATER              | 201921031935           | National                              | 2019 - 08         | Uploaded  |
| 2    | PROCESS FOR PREPARATION OF<br>MAGNETITE LOADED SULFUR OIL (MLSO)<br>COMPOSITE ADSORBENT | 202021008947           | National                              | 2020 - 02         | Uploaded  |
| 3    | POLYMERIC NANOCOMPOSIT ES FOR<br>WOUND HEALING APPLICATIONS                             | 201921015203           | National                              | 2019 - 04         | Uploaded  |
| 4    | ULTRA CAPACITOR BASED CRANKING<br>KIT FOR AUTOMOTIVE SYSTEM                             | 201921028315A          | National                              | 2019 - 08         | Uploaded  |
| 5    | ECONOMIC TEST SET UP FOR EV MOTOR<br>TESTING USING INNOVATIVE COUPLING                  | 201921020439A          | National                              | 2019 - 06         | Uploaded  |
| 6    | VERTICAL EXHAUST SYSTEM FOR AUTO<br>RIKSHAW   | 201921031357A          | National                              | 2019 - 08         | Uploaded  |
| 7    | IN-HOUSE BIOGAS PLANT   | 201921015201           | National                              | 2019 - 04         | Uploaded  |

#### Section 8 > v : List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

No Data Flled!

#### Section 8 > vi : List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

No Data Flled!

### **Declaration**

To, The ARIIA Committee MHRD's Innovation Cell New Delhi

#### Joint Declaration by the Head of the Institute and Nodal Officer

#### Dear Sir,

Herewith, myself Dr. B P Patil (Head of Institute) and Dr. Swati Ajay Kulkarni (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

Thank you

The Head of Institute

Dr. B P Patil Head of the Institution, Pune, Maharashtra

Nodal officer

walt.

Dr. Swati Ajay Kulkarni Nodal Officer, Pune, Maharashtra

Responsibility for accuracy and authenticity of data lies with the concerned institution.