



Verification Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2020-21 Institute Name: ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S COLLEGE OF ENGINEERING, PUNE [ARI-C-41410]

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

| Srno | Department / Center / Unit Name | Type of Department / Center / Unit | Mention the Stream / Discipline / Sector of focus | Department / Center / Unit Level | Program Type | Student / Benificiary Strength (2019-20) | Academic Staff Strength (2019-20) | Non-academic Staff Strength (2019-20) |
|------|---|---|---|-------------------------------------|--|---|--------------------------------------|--|
| 1 | Chassis Dynamometer Laboratory | Academic Department with lab facility | Mechanical Engineering | UG / PG / PhD | Technical | 10 | 2 | 1 |
| 2 | CAD and CAM laboratory | Academic Department with lab facility | Mechanical Engineering | UG / PG / PhD | Technical | 180 | 5 | 1 |
| 3 | Startup and Innovation Cell | Pre-incubation unit | Startup and Innovation Cell | At all level | Technical | 5 | 3 | 0 |
| 4 | Centre of Excellence | Centre of Excellence with Advance Tools & Equipment | Mechanical Engineering | UG / PG / PhD | Technical | 125 | 7 | 0 |
| 5 | Aviot-O Virtue Robo and Dron Club | Pre-incubation unit | Electronics Department | UG / PG / PhD | Technical | 25 | 4 | 1 |
| 6 | Photocatalytic Reactor | Academic Department with lab facility | Chemical Engineering | UG / PG / PhD | Technical | 30 | 3 | 1 |
| 7 | Chemical Department | Academic Department with lab facility | Chemical Engineering | UG / PG / PhD | Technical | 262 | 14 | 5 |
| 8 | Civil Department | Academic Department with lab facility | Civil Engineering | UG / PG / PhD | Technical | 549 | 21 | 6 |
| 9 | Computer Department | Academic Department with lab facility | Computer Engineering | UG / PG / PhD | Technical | 554 | 22 | 8 |
| 10 | Electrical Department | Academic Department with lab facility | Electrical Engineering | UG / PG / PhD | Technical | 271 | 14 | 6 |
| 11 | Electronics and telecommunication Department | Academic Department with lab facility | Electronics Engineering | UG / PG / PhD | Technical EGF 0 | 265 | 14 | 6 |
| 12 | Mechanical Department | Academic Department with lab facility | Mechanical Engineering | UG / PG / PhD | CHIGINEER OF THE PROPERTY OF T | 780 | 32 | 10 |
| 13 | Production Department | Academic Department with lab facility | Production Engineering | UG / PG / PhD | PUNE STATE OF THE PROPERTY OF | 220 | 11 | 4 |

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 : IC201912891 |
| Trained Innovation Ambassadors at HEI | NO | 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 Program (Full Name) | Program Theme | Program Type | Program Category | Organizin g Departm ent / Centre / Student Body Name | Program Start Date | Program End Date | Program Duration(i n Days) | Program Location | Internal Participa nts (Student) | Internal Participa nts (Faculty) | External Participa nts (Student) | External Participa nts (Faculty) | Total Number of Participa nts | Had institute spent expenses either from own resource/received fund to organise the program/activity/event? | Did any of the participants received any awards/recognition for startup / innovation ideas / research? |
|------|--|----------------------------------|-----------------|-------------------------------|--|----------------------------|----------------------------|----------------------------------|---------------------|---|---|---|---|---|---|---|
| 1 | Opportun ities, Innovatio n in Renewab le Energy and Sustaina bility | Innovatio n | Awarene ss | Institute Lead Activity | AISSMS College of Engineeri ng | 24-05-20 19 00:00:00 | 24-05-20 19 00:00:00 | 1 | Within Campus | 15 | 5 | 0 | 0 | 20 | No | No |
| 2 | BAJA SAEINDI A 2020 Design Mega Worksho P | Innovatio n | Worksho p | Institute Lead Activity | Mechanic al Engineeri ng | 14-09-20 19 00:00:00 | 15-09-20 19 00:00:00 | 2 | Within Campus | 76 | 2 | 0 | 0 | 78 | No | No |
| 3 | Computat ional Fluid Dynamic s | Innovatio n | Worksho p | Student Lead Activity | Chemical Engineeri ng | 24-09-20 19 00:00:00 | 24-09-20 19 00:00:00 | 1 | Within Campus | 47 | 2 | 0 | 0 | 49 | Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) | No |
| 4 | Scale-up of batch process and flow chemistry in batch reactors | Innovatio n | Seminar | Institute Lead Activity | Chemical Engineeri ng | 19-07-20 19 00:00:00 | 19-07-20 19 00:00:00 | 1 SWSSIN | PUNE | ENGINEER | E. | 0 | 0 | 57 | No | No |
| 5 | Automati on Anywher e | Entrepre neurship/ Startup | Worksho p | Institute Lead Activity | Mechanic al Engineeri ng | 17-07-20 19 00:00:00 | 19-07-20 19 00:00:00 | 3 | | | To 16 JD | 0 | 0 | 40 | No | No |

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

| 6 | IDEATH ON 2K19 | Entrepre neurship/ Startup | Innovatio n Contest | Institute Lead Activity | AISSMS COE, Pune | 07-10-20 19 00:00:00 | 07-10-20 19 00:00:00 | 1 | Within Campus | 20 | 5 | 4 | 2 | 31 | No | No |
|---|----------------------|----------------------------------|------------------------|-------------------------------|------------------------|----------------------------|----------------------------|---|------------------|----|---|---|---|----|----|----|
| | | Otartap | | | | | | | | | | | | | | |

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

| Srno | Name of Program (Full Name) | Program Theme | Program Type | Organizin g Agency / Institute Name | Organizin g Agency Type | Program Start Date | Program End Date | Program Duration(i n Days) | Participa nts (Students) | Participa nts (Faculty) | Total Number of Participa nts | Awards/R ecognitio ns/Achiev ements | Award / Position / Recogniti on Secured | Title of Innovatio n / Start-up Secured the Award / Recognition | Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity /event? | Did any of the participants received any awards/recognition for startup / innovation ideas / research |
|------|--|------------------|------------------------|---|-------------------------------|----------------------------|----------------------------|----------------------------------|------------------------------------|-------------------------------|---|--|---|---|---|---|
| 1 | Baja- USA Competiti on Participat ion | Innovatio n | Innovatio n Contest | BAJA Chitkara Universit y Chandiga d | Govt. Agency (State) | 11-07-20 19 00:00:00 | 13-07-20 19 00:00:00 | 3 | 15 | 1 | 16 | No | | | TotalTotal Expense Amount Incurred by Institute? (In Rupees) | No |
| 2 | SUPRAC ompetitio n 2019 | Innovatio n | Innovatio n Contest | Buddh Internatio nal Circuit GreaterN oida | Govt. Agency (State) | 15-07-20 19 00:00:00 | 19-07-20 19 00:00:00 | 5 | 15 | 0 | 15 | No | | | No | No |
| 3 | Efficycle Competiti on | Innovatio n | Innovatio n Contest | Lovely Professio nal Universit y Punjab | Educatio nal Institute | 01-10-20 19 00:00:00 | 05-10-20 19 00:00:00 | 5 | 10 | 0 | 10 | No | | | TotalTotal 82500 Expense Amount Incurred by Institute? (In Rupees) | No |
| 4 | Aero Design Competiti on | Innovatio n | Innovatio n Contest | Van Nuys California | Internatio nal Agencies | 05-04-20 19 00:00:00 | 07-04-20 19 00:00:00 | 3 | OLLEGE OF | | - | No | | | No | No |
| 5 | Motwani Jadeja Hackatho n | Innovatio n | Hackatho n | Motwani Institute | Educatio nal Institute | 10-06-20 19 00:00:00 | 10-06-20 19 00:00:00 | 1 SWSSY | PUNE | NEERIN | F. | Yes | 3rd Rank | COVID- 19 Fact Checker | No | Award / Position / Recognition / Recognition Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recognition/Achieve ment Received for |

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

| 6 | National Level Anvesha n | Innovatio n | Innovatio n Contest | AIU New Delhi | | 16-01-20 20 00:00:00 | 17-01-20 20 00:00:00 | 2 | 2 | 1 | 3 | Yes | Overall Gold Medal | Anvesha n | No | Position / Recognition Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recog nition/Achieve | Overall Gold Medal Anveshan Idea/Innova tion/Prototy pe |
|---|---|----------------|------------------------|--|------------------------------|----------------------------|----------------------------|---|---|---|---|-----|---|-------------------------------|----|--|---|
| 7 | West Zone Inter Universit y Student Research Conventi on Anvesha n 2019- 20 | Innovatio n | Innovatio n Contest | Govt. Of India at Mumbai Universit y | Govt. Agency (Central) | 20-02-20 20 00:00:00 | 20-02-20 20 00:00:00 | 1 | 2 | 1 | 3 | Yes | First Rank in Engineeri ng and Technolo gy Category | Anvesha n AISSMS COE | No | Award / Position / Position / Recognition Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recognition | First Rank in Engineering and Technology Category Anveshan AISSMSCO E Novel Research Paper/Work |
| 8 | Avishkar 2019 | Innovatio n | Innovatio n Contest | Mumbai Universit y | Govt. Agency (Central) | 27-01-20 20 00:00:00 | 31-01-20 20 00:00:00 | 5 | 2 | 1 | 3 | Yes | Best Innovatio n Award | Avishkar 2019 | No | Position / Recognition Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recog nition/Achieve | Best Innovation Award Avishkar 2019 Idea/Innova tion/Prototy pe |

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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

| at the | Otato, II | ational a | ina (or) ii | iternatio | nai Ecve | i (Organi | zea by E | Aterriar | Ji garniza | 110113) 30 | in by the | | | | | |
|--------|--|----------------------------------|------------------------|---|-------------------------------|----------------------------|----------------------------|----------|------------|------------|-----------|-----|--|------------------------------------|--|---|
| 9 | PRAGAT I The National Level Technical Innovatio n 2020 | Innovatio n | Innovatio n Contest | St Francis Institute of technolog y Mumbai | Educatio nal Institute | 13-03-20 20 00:00:00 | 14-03-20 20 00:00:00 | 2 | 2 | 1 | 3 | Yes | First rank (Cash prize of 40,000) | Innovatio n AISSMS COE | No | Award / Position / Recognition Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recognition/Achieve ment Received for |
| 10 | Vishwapr enuer 2020 | Innovatio n | Innovatio n Contest | BRACT s VIIT Pune | Educatio nal Institute | 10-03-20 20 00:00:00 | 10-03-20 20 00:00:00 | 1 | 2 | 0 | 2 | Yes | First rank (4000 cash prize) | Vishwapr enuer AISSMS COE | No | Award / Position / Recognition Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recognition/Achieve ment Received for |
| 11 | KPIT Sparkle 2020 | Innovatio n | Innovatio n Contest | KPIT Pune | Non- Govt. Agencies | 12-11-20 19 00:00:00 | 12-11-20 19 00:00:00 | 1 | 2 | 1 | 3 | No | | | No | No |
| 12 | BAJA SAE USA | Innovatio n | Worksho p | BAJA SAE USA | Internatio nal Agencies | 14-09-20 19 00:00:00 | 15-09-20 19 00:00:00 | 2 | 10 | 2 | 12 | No | | | TotalTotal Expense Amount Incurred by Institute? (In Rupees) | No |
| 13 | TRIZ | Entrepre neurship/ Startup | Conferen ce | TRIZ | Internatio nal Agencies | 20-05-20 19 00:00:00 | 22-05-20 19 00:00:00 | 3 | 0 | 1 | 1 | No | | | No | No |

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 Offered | Program Theme | Type of Course | Cou Dep: e/ | OF CHI | | Program End Date | Program Duration(in Days) | Mode of Delivery | Total Numbers of Participants | Total Numbers of Contact Hours of Course (Minimum 30 Contact hours) |
|------|------------------------------------|--------------------------|--------------------------------|-------------------|--------|----|---------------------|------------------------------|------------------|----------------------------------|---|
| 1 | Business Communication Skills | Entrepreneurship/Startup | Elective/Core Credit Course | Bach (SS) | INEER | 15 | 25-10-2019 | 131 | Online | 120 | 48 |

Section 2 > ii : List the Employment Generation Skill Development P Academic Period (2019-20)

n Innovation, IPR and Entrepreneurship Development During the

| Srno | Title of the Training Program | Program Theme | Type of Course | Course Offering Department/Centre/ Unit Name | Program Start Date | Program End Date | Program Duration(in Days) | Mode of Delivery | Total Numbers of Participants | Total Numbers of Contact Hours of Course (Minimum 30 Contact hours) |
|------|-------------------------------|--------------------------|---|--|-----------------------|---------------------|---------------------------------|------------------|----------------------------------|--|
| 1 | Soft Skill and Aptitude | Entrepreneurship/Startup | Employment Generation Training Programs | AISSMSCOE | 10-12-2019 | 14-12-2019 | 5 | Offline | 125 | 36 |

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 | Department/Centre/Unit Name | Designation | Do you have a degree in I&E & IPR? | Had the faculty received training on I&E & IPR during AY 2019-20 |
|------|-----------------------------|-----------------------------|---------------------|------------------------------------|--|
| 1 | Dr D.G.Bhalke | E and TC | Professor | No | No |
| 2 | Dr. Mangesh Ravvindra Phate | Mechanical | Associate Professor | No | No |
| 3 | Dr. Dinesh Y.Dhande | Mechanical | Associate Professor | No | No |
| 4 | Dr. Manish S Deshmukh | Mechanical | Associate Professor | No | No |

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 Available at the Club | Student Club with Access to Other I&E Facilities at the HEI | No of Programs/Activiti es Organized by the Student Club During the AY 2019-20 | Student Club Team Lead Name | Student Club Team Lead Email | Student Club Team Lead Phone |
|------|-----------------------------------|-----------------|-----------------------|---|---|---|-----------------------------------|---------------------------------|---------------------------------|
| 1 | Aviot-O Virtue Robo and Dron Club | Idea Club | 2017 | Co-working Space | Pre-Incubation Unit | 1 | Mr. V.B.Gawai | vbgawai@aissmscoe.c om | 997010902 |
| 2 | Students Chapter (Baja) | Idea Club | 2018 | Co-working Space | Pre-Incubation Unit | 3 | Dr A V Waghmare | avwaghmare@aissmsc oe.com | 909612036 |
| 3 | Organic Bot Incubation Centre | Idea Club | 2017 | Co-working Space | Pre-Incubation Unit | 1 | Dr M. A Pradhan | mapradhan@aissmsco e.com | 985098283 |
| 4 | AISSMSCOE SAE CLUB | Innovation Club | 2018 | Co-working Space | No Such Facilities Exist in the Campus | 0 | Dr A V Waghmare | avwaghmare@aissmsc oe.com | 9096120365 |

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- Incubation Centre | Type of Facility | Year of Establishme nt | Type of Facilities Available at the Centre | Pre-Incubation with Access to Other I&E Facilities at the HEI | Name of the Funding Schemes Available with Pre- Incubation | Facility Details | Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility | Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovati on Development and implementation during | Had institute Generated Income either from Services Offered by Pre- Incubation | Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities? |
|------|-----------------------------------|---------------------|------------------------------|---|---|---|------------------|--|--|--|--|
| | | | | | 1161 | Un (O | GE OF | | the Financial Year 2019-20 | Centre/Facilities? | |

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)

| 1 | Innovation center AISSMSCOE | Innovation Centre | 2019 | Co-working Space | Student Clubs | Student Clubs | Facility Incharge Name Facility Incharge Email Facility Incharge Email Facility Incharge Phone Pacility 902829 9230 | 05 | No | No | No |
|---|---|----------------------|------|---------------------|---------------|------------------|--|----|----|---------|---------------------------------|
| | Aviot-O Virtue Robo and Dron Club | Innovation Centre | 2017 | Co-working Space | Student Clubs | Student Clubs | Facility Incharge Name Facility Incharge Email Facility Incharge Email Facility Incharge Phone Mr. V.B.Ga wai wai @ais amsco e.com 997010 9022 | 02 | No | No | No |
| 3 | SAE student chapter | Innovation Centre | 2018 | Co-working Space | Student Clubs | Student Clubs | Facility Incharge Name Facility Incharge Email Facility Incharge Email Facility Incharge Phone Pacility Incharge Phone Dr A V Wagh mare avwag hmare @ aiss mscoe. com | 04 | No | No | No |
| 4 | GOCART | Innovation Centre | 2017 | Co-working Space | Student Clubs | Student Clubs | Facility Incharge Name Facility Incharge Sh R Phate Facility Incharge Email Facility Incharge Phone Pacility Incharge Phone Pacility Incharge Phone Pacility Incharge Phone Pacility Incharge Phone | 02 | No | No | Yes |
| | | | | | | //s | LIEGEOF | | | Total G | Grants / Funds Received by Pre- |

| Source of Grant / Fund | |
|---------------------------------|----------|
| Institute's Own Fund / Resource | AISSMSCC |





| Agency Type | Total Grants / Funds Received by Pre- Incubation & Incubation Centre / Facilities exists in Campus (In Rupees) |
|-----------------------|--|
| Educational Institute | 78794 |

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

No Data Flled!

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

No Data Flled!

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

No Data Filed!

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

No Data Flled!

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 D.G.Bhalke | Professor | Idea/Innovation Development | 20 | |
| | Name of Idea/Innovation/ St | artup Mentored | Mentoring Setup [Within (or) Outside] HEI | | CIN (in case it is Startup) |
| | Robotics | | Within | | |

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

No Data Flled!

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

| Name of the Innovation Generated with the Support of HEI Name of the Innovation HEI Nature of the HEI Support of Innovation On Develop ment Name of the HEI Support ation On Develop ment Nature of the HEI Support of Innovation On Develop ment Nature of the HEI Support ation Develop on Develop ort durin g the FY 2019-20 | Status Pre- Incubati on/Incu bation Support to Innovati on as on as on 31st March Status Pre- Innovation Received any Recognition at State, National, International Level Programs on as on 31st March Had the Innovati on Convert ed into Venture/ Startup/ Startup/ Unit during the financial period the financial Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2019-20 | Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20 Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019 |
|--|--|--|
|--|--|--|

| 1 | BAJA SAE vehicle | Product Innovation | Technol ogical | SAE Club | Stude nt | TRL 0: Idea. Unpr oven conc ept, no testin g has been perfor med. | TRL 0: Idea. Unpr oven conc ept, no testin g has been perfor med. | Innovati on Develop ment Ongoing | No | | No | Grant Amou in Rs | 110000 unt | No | No |
|---|------------------|-----------------------|-------------------|-------------|-------------|---|---|--|----|--------------------------|----|---------------------|---------------|----|----|
| | | Name | | | Туре | | | Gender | | Email | | Contact | | | |
| | Dr A V Waghmare | | | | Faculty | | | Male | | avwaghmare@aissmscoe.com | | 9096120365 | | | |

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

No Data Flled!

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 Projects/ Ideas / Innovation / Startups from the HEI get benefitted through this partnership | Date of MOU / Agreement Signed on |
|------|--|----------------------------------|--|-------------------------|--|---|
| 1 | Mettchnik Pvt Ltd Pune | Corporate / Industry Association | Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups | Incubation | 4 | 10-10-2019 |
| 2 | Avishkar Engineers Pvt. Ltd. Pune | Corporate / Industry Association | Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups | Incubation | 02 | 31-12-2019 |
| 3 | Apex Innovation Pvt. Ltd. Sangli, MH India | Corporate / Industry Association | Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups | Incubation | 05 | 31-08-2020 |

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

| Srno | Title/Name of IP(Copyright & Designs Only) | Type of IP(Copyright & Designs Only) | IP(Copyright & Designs Only) Registration Number of Copyright/Design | Application Level | Date of Copyright / Design IP Filed/ Published (Year, Month) | Copy of receipt / application screenshot [PDF or Image | Current Status of IP(Copyright & Designs Only) as on 31st March 2020 | Has this IP(Copyright & Designs Only) been Commercialized/Tran sferred to Industry/Startup/Socie ty? |
|------|---|---|--|-------------------|--|---|---|---|
| 1 | Critical Analysis of novel fabricated Al/SiC/B4C Metal Matrix Composites Machining Performance. | IPRFiledPublished | 2254/2019-CO/ | National | 2019 - 04 | Uploaded | Granted | No |

Department/Centre Name

Mechanical Engineering

Section 8 > iii : List the IP (Patents only) Filed by the HEI as Applicant

Srno Title/Name of Patent IP Registration Number





Copy of receipt / application screenshot [PDF or Image]

| 1 | Hybrid Powered Mixed Garbage Disposal And Converter Unit | 2879/MUM/2014 | National | 2019 - 07 | Uploaded |
|---|---|---------------|----------|-----------|----------|
| 2 | Method, Apparatus and System for Finding Square of a n Bit Number | 201921014067 | National | 2019 - 04 | Uploaded |
| 3 | Method, Apparatus and System for Shift and Rotate | 201921014067 | National | 2019 - 05 | 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. Dattatraya S. Bormane (Head of Institute) and Mr. Mangesh Ravindra Phate (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. Dattatraya S. Bormane Head of the Institution, PUNE, Maharashtra Nodal officer

Mr. Mangesh Ravindra Phate Nodal Officer, PUNE, Maharashtra

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

