## 3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development during the last five years

(10)

3.3.2.1: Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the last five years

| Year      | Name of the workshop/seminar  | Number of<br>Participants | Date From - To       |
|-----------|---|---------------------------|----------------------|
| 2017-2018 | Session for E-Cell (Atal Incubation Centre)                               | 78                        | 21-07-2017           |
| 2017-2018 | Experts talk on Job Opportinities in Defense<br>Services                  | 80                        | 29-07-2017           |
| 2017-2018 | Talk by Industry Expert on Corporate Training at BSNL                     | 40                        | 09-08-2017           |
| 2017-2018 | Guest lecture on "Risk Assessment"  | 42                        | 1-9-2017 to 4-9-2017 |
| 2017-2018 | Guest Lecture by SEED InfoTech  | 46                        | 07-09-2017           |
| 2017-2018 | Guest Lecture on Fellowship and PBL                                       | 80                        | 09-10-2017           |
| 2017-2018 | Experts talk on Wavelet Transform and Multirate DSP                       | 46                        | 06-11-2017           |
| 2017-2018 | Expert Talk on Embedded System Testing                                    | 55                        | 06-11-2017           |
| 2017-2018 | Expert Talk on MATLAB in DSP  | 43                        | 07-11-2017           |
| 2017-2018 | Field visit to Reliance Jio(Faculty)                                      | 86                        | 11-11-2017           |
| 2017-2018 | Expert Talk on Auditory Signal Processing using Multi-Resolution Approach | 45                        | 13-11-2017           |
| 2017-2018 | Expert Talk on Under Water Signal Processing                              | 40                        | 14-11-2017           |
| 2017-2018 | Expert Talk on Signal representation using Orthogonal Transform           | 53                        | 15-11-2017           |
| 2017-2018 | Expert Talk on Contexual understanding of Biomedical Signal Processing    | 42                        | 16-11-2017           |
| 2017-2018 | Expert Talk on Recent Development in Satellite<br>Communication           | 53                        | 27-12-2017           |
| 2017-2018 | Expert Talk on Product based Learning                                     | 42                        | 27-12-2017           |
| 2017-2018 | Session for UCEL, Guidance by Hon'ble Vice<br>Chancellor                  | 36                        | 19-01-2018           |

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| 2017-2018 | International Conference (ICCASP 2018)   | 61                     | January 26-27,2018                             |
|-----------|--|------------------------|--|
| 2017-2018 | Role of ITU in Spectrum Management of Satellite and Terrestial Services          | 44                     | 26-01-2018                                     |
| 2017-2018 | Integration of Cloud Computing & WSN in the perspective of IoT                   | 52                     | 26-01-2018                                     |
| 2017-2018 | Convergence of Artificial Intelligence, Big Data and High Performance Computing  | 43                     | 27-11-2018                                     |
| 2017-2018 | Multiband &Multifunctional RF Integrated Circuit & Systems                       | 43                     | 27-11-2018                                     |
| 2017-2018 | Alumni Meet  | 40 Alumni, 86 students | 27-11-2018                                     |
| 2017-2018 | Guest lecture was arranged on "Green<br>Technology"                              | 73                     | 17-02-2018                                     |
| 2017-2018 | Guest lecture on "Nanotechnology"  | 25                     | 21-02-2018                                     |
| 2017-2018 | Guest lecture was arranged on "Green Technology"                                 | 43                     | 21-02-2018                                     |
| 2017-2018 | Guest lecture was arranged on Motivational session on "Eureka Moment"            | 76                     | 21-04-2018                                     |
| 2017-2018 | Science Day Exhibition   | 62                     | 28-02-2018                                     |
| 2017-2018 | Expert talk on Starts-ups and Entrepreneurship – A career Choice                 | 52                     | 25-04-2018                                     |
| 2017-2018 | Recent Trends in Web Technology  | 56                     | 26-04-2017                                     |
| 2018-2019 | Recent Trends in Welding and Joining<br>Technology, Dr.BATU                      | 52                     | 26-30 November, 2019                           |
| 2018-2019 | Pedagogical and Assessment Techniques for<br>Product Design Engineering, Dr.BATU | 44                     | Feb 25-March 06, 2019                          |
| 2018-2019 | Workshop on PLC and SCADA  | 60                     | July 30 to August 1, 2018                      |
| 2018-2019 | PCB WORKSHOP   | 53                     | 6 <sup>th</sup> and 7 <sup>th</sup> March 2019 |
| 2018-2019 | Android Training Workshop  | 45                     | 15 – 24 December, 2018                         |
| 2018-2019 | One day Awareness workshop on Incubation,<br>Starts-up                           | 80                     | 05-10-2018                                     |
| 2018-2019 | Workshop on Professional Web Development   | 75                     | 4-8-2018 to 11-08-2018                         |



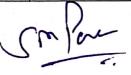
|           |   |     | 63.1                   |
|-----------|---|-----|------------------------|
| 2018-2019 | Guest lecture on Preparation and strategies for UPSC and MPSC administrative services | 45  | 10-08-2018             |
| 2018-2019 | Seminar on Art of Driving & Advances in Automobiles                                   | 120 | 08-09-2018             |
| 2018-2019 | Seminar on "Commercial Automotive Powertrains -<br>Design, Analysis and Safety        | 104 | 29-09-2018             |
| 2018-2019 | Workshop on Confident Communication   | 75  | 15-10-2018 to 17-10-20 |
| 2018-2019 | One day expert talk on career guidance by Swapnil Dabhade                             | 120 | 08-12-2018             |
| 2018-2019 | Workshop on Android Development   | 95  | 18-12-2018 to 22-12-20 |
| 2018-2019 | Workshop on GATE Awareness  | 80  | 16-01-2019 to 18-01-20 |
| 2018-2019 | Expert talk on Mathematical Methods in Industry.                                      | 40  | 19-03-2019             |
| 2018-2019 | Two days Business Idea competition on Incubation and Start up                         | 45  | 01-03-2018 to 02-03-20 |
| 2019-2020 | Two-day workshop for industry professionals on waste water management                 | 60  | January 17- 18, 2020   |
| 2019-2020 | Smart India Hackathon   | 40  | January 24 - 26, 2020  |
| 2019-2020 | Business plan i2E competition   | 50  | 11-20-19               |
| 2019-2020 | Talk on Research and Innovation   | 67  | 08-17-19               |
| 2019-2020 | Workshop on Industry Concepts and<br>Internship Programs by Bhuvnesh Kulkarni         | 87  | August 22-23, 2019     |
| 2019-2020 | Workshop on Innovative product Development  | 74  | January 23-27, 2020    |
| 2019-2020 | Researchh methodology- Technique and software   | 47  | 11-11-2019 to 15-11-20 |
| 2019-2020 | Augmented Reality an Industry 4.0 initiative  | 58  | 22-10-2019             |
| 2019-2020 | Innovative Product Development  | 32  | 23-1-2020 to 27-01-202 |
| 2019-2020 | FDP on Reactive distillation and its applications                                     | 45  | 25-11-2016 to 6-12-201 |
| 2019-2020 | Two days workshop on LaTex  | 56  | 18-10-2019 to 19-10-20 |



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|-------------|--|-----|--------------------------|
| 2019-2020   | Awareness of Start-Up  | 86  | 21-09-2019               |
| 2020-2021   | Machine Learning Workshop  | 112 | 6th to 8th Feb 2020      |
| 2020-2021   | Let's Crack the Gate   | 46  | 3rd June 2021            |
| 2020-2021   | GoLang: Google's own server backend Side<br>Programming Language Opportunities and<br>Challenges | 42  | 03 April 202             |
| 2020-2021   | Intellectual Property Rights (IPR) and Patent process  | 60  | 28-06-2021               |
| 2020-2021   | Entrepreneurship as career choice  | 70  | 18-06-2021               |
| 2020-21     | Ethical Hacking  | 150 | 21st November 2020       |
| 2020-21     | Drone Programming  | 100 | 9th January 2021         |
| 2020-21     | Career opportunities in cyber security   | 250 | 15th May 2021            |
| 2020-21     | Cryptography: key ingredients of digital world   | 200 | 29th May 2021            |
| 2020-21     | Password- have been hacked?  | 100 | 12th June 2021           |
| 2020-21     | Google workspace for education for faculty and staff   | 80  | 25th March, 2021         |
| 2020-21     | GSuite Education: Admin Workshop for faculty   | 80  | 21st, March 2021         |
| 2020 - 2021 | Basic to advance of MS EXCEL for Chemical Engineer   | 34  | 1st Mar – 5th Mar 2021   |
| 2020 - 2021 | College to Corporate Soft Skill  | 56  | 22th Mar – 24th Mar 2021 |
| 2020 - 2021 | Basic to advance of MS EXCEL for Chemical Engineer   | 35  | 31st May – 4th June 2021 |
| 2020 - 2021 | Online Workshop on 'Process safety & loss prevention'  | 45  | 17th to 21th Feb 2021    |
| 2020 - 2021 | Online workshop on 'Proces Engineering'  | 40  | 8th to 12th Mar 2021     |
| 2020 - 2021 | AutoCAD  | 35  | 11th Dec - 27 Dec 2020.  |



| 2020-2021  | Ongoing research on hydrogen energy and its future implications and opportunities  | 50  | 23 Aug 2020               |
|--|--|-----|---------------------------|
| 2021   | Innovation Management  | 186 | 6-9-2021 to 10-9-2021     |
| 2022   | Cyber Security: Advanced level   | 140 | 03-01-2022 to 07-01-2022. |
| 2021   | Cyber Security   | 88  | 8-11-2021 to 12-11-2021   |
| 2021   | Pitching Event for Ideas Scouted & linkage with Innovation Ambassadors for mentorship support.   | 35  | 10/29/2021- 10/29/2021    |
| 2021   | My Story - Motivational Session by Successful Entrepreneur/Start-up founder.   | 98  | 10/21/2021- 10/21/2021    |
| 2021   | My Story - Motivational Session by Successful Innovators.  | 40  | 09/14/2021- 09/14/2021    |
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| 2021   | Workshop on "Entrepreneurship and Innovation as Career Opportunity"  Session on Problem Solving and Ideation   | 42  | 11/20/2021- 11/20/2021    |
| 2021   | Workshop   | 53  | 10/04/2021- 10/04/2021    |
| 2021   | India Startup Day  | 44  | 11/04/2021-11/04/2021     |
| 2021   | National Innovation Day  | 43  | 10/15/2021-10/15/2021     |
| 2021   | Negotiating Skills and Techniques  | 47  | 10/06/2021- 10/06/2021    |
| 2021   | Business Plan: Need and Importance   | 46  | 10/07/2021- 10/07/2021    |
| 2022   | Session on Achieving Problem-Solution Fit & Product-Market Fit   | 30  | 02/07/2022- 02/07/2022    |
| 2022   | Workshop on Entrepreneurship Skill, Attitude and Behavior Development  | 33  | 02/22/2022- 02/22/2022    |
| 2022   | Expert talk on "Process of Innovation Development & Technology Readiness Level (TRL)" & Commercialisation of Lab   | 37  | 02/03/2022- 02/03/2022    |
| 2022   | Workshop on Design Thinking, Critical thinking and Innovation Design   | 40  | 03/01/2022- 03/01/2022    |
| 2022   | Pitching Event for PoCs developed & linkage with Innovation Ambassadors for mentorship support.  | 36  | 02/04/2022- 02/04/2022    |
| 2021   | Innovation in Modern Economy   | 129 | 09/07/2021- 09/07/2021    |
| 2021   | Innovation Pathway from Unmet Need   | 118 | 09/07/2021- 09/07/2021    |



| 2021 | Filing Patent, Copyright and Trademark   |     | 1.87                   |
|------|--|-----|------------------------|
| 2021 |  | 84  | 09/07/2021- 09/07/2021 |
|      | Model of Innovation Process  | 110 | 09/08/2021- 09/08/2021 |
| 2021 | ESTABLSHMENT OF INNOVATION AND ECOSYSTEM IN HEI  | 101 | 09/07/2021- 09/07/2021 |
| 2022 | World Intellectual Property Day  | 28  | 05/12/2022-05/12/2022  |
| 2022 | Workshop on Intellectual Property Rights (IPRs) and IP management for start up               | 22  | 05/11/2022-05/11/2022  |
| 2022 | Session/ Workshop on Business Model<br>Canvas (BMC)  | 24  | 05/07/2022-05/07/2022  |
| 2022 | Session on "How to plan for Start-up and legal & Ethical Steps"                              | 45  | 05/13/2022-05/13/2022  |
| 2022 | Hands on Machine Learning using Python   | 54  | 25 Feb 2022            |
| 2021 | Webinar on Career guidance for higher studies in abroad                                      | 50  | 14 Dec 21              |
| 2022 | Awareness program on fire fighting and safety precautions                                    | 87  | 13 May 22              |
| 2022 | Guest lecture on Counseling for aspirants petrochemical engineering and chemical engineering | 34  | 21 May 22              |
| 2022 | Guest lecture on Advances in Petrochemical engineering and Chemical engineering              | 74  | 16 Jun 22              |
| 2022 | Introduction to Aspen Plus   | 55  | 17 Jun 22              |

REGISTRAR

Dr. Babasaheb Ambedhar Jechnological University.
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