



Shri Vile Parle Kelavani Mandal's

# Institute of Technology, Dhule.

Survey.No. 499, Plot No. 02, Behind Gurudwara, Mumbai - Agra Road, Dist. Dhule, Maharashtra, 424001

Phone No.: (02562) 297801, 297601

Web: svkm-iot.ac.in

Mail: IOTDhule@svkm.ac.in

### **3.1.1 Grants received from Government and non-governmental agencies for *research projects, endowments* in the institution during the last five years (INR in Lakhs)**

| Year   | 2022-2023      | 2021-2022     | 2020-2021     | 2019-2020      | 2018-2019     |
|--------|----------------|---------------|---------------|----------------|---------------|
| Number | 5 (13.92 Lakh) | 1 (0.12 Lakh) | 3 (4.35 Lakh) | 5 (13.38 Lakh) | 2 (3.60 Lakh) |

|                             |             |
|-----------------------------|-------------|
| Number of grants received = | 16          |
| Total amount in Lakhs =     | 35.37 Lakhs |

**NOTE:** - There is no change in data submitted in SSR. However, as per the requirement of clarification raised in 3.1.1, particulars such as assessment year-wise list of grants for research projects, nature of the award, awarding agency name, and amount are provided. Also, an individual e-copy link for each sanction letter highlighting required parts is provided. Across all assessment years, 16 research grants of total Rs. 35.37 lakhs received by the institute faculties.



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➤ **List of Research Project Grants Received During Assessment Year 2022-23:**

| Sr. No. | Name of the research project/ endowment  | Name of the Principal Investigator / Coinvestigator | Department of Principal Investigator | Amount Sanctioned (in Lakhs) | Duration of the project | Name of the Funding / Awarding Agency                 | Nature of the Award            | Type (Govt. / non-Government) | E-copy link of Sanction Letter  |
|---------|--|---|--------------------------------------|------------------------------|-------------------------|---|--------------------------------|-------------------------------|---|
| 1       | Unnat Bharat Abhiyan under the scheme Rural Energy System  | Mr. Mohammed Juneduddin                             | Mechanical Engineering               | 1                            | 6 Months                | Ministry of Finance Dept. of Expenditure              | Technical Intervention project | Government                    | <a href="https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1.1%20Resource%20Mobilization%20for%20Research/12.%20UBA-SEG-%201%20Sanction-Letter.pdf">https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1.1%20Resource%20Mobilization%20for%20Research/12.%20UBA-SEG-%201%20Sanction-Letter.pdf</a>   |
| 2       | Project proposal titled "IOT and Machine Learning Based Soil Fertility Detector"   | Dr. Bhushan Chaudhari<br>Mr. Mangesh Balpande       | Information Technology               | 1.67                         | 6 Months                | Sanjay Soya Private Limited, Dhule                    | Research Grant                 | Non-Government                | <a href="https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1.1%20Resource%20Mobilization%20for%20Research/13.%20Dr.%20Bhushan%20Chaudhari%202022-23.pdf">https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1.1%20Resource%20Mobilization%20for%20Research/13.%20Dr.%20Bhushan%20Chaudhari%202022-23.pdf</a>   |
| 3       | Project proposal titled "Development of Dome shaped Passive solar Desalination System using 3D Printed Perforated Absorbers" | Dr. Amol Badgujar<br>Prof. Yogesh Sonawane          | Mechanical Engineering               | 6.35                         | 01 Year                 | Maharashtra Solvent Extraction Private Limited, Dhule | Research Grant                 | Non-Government                | <a href="https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1.1%20Resource%20Mobilization%20for%20Research/14.%20Dr.%20Amol%20Badgujar%202022-23.pdf">https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1.1%20Resource%20Mobilization%20for%20Research/14.%20Dr.%20Amol%20Badgujar%202022-23.pdf</a>   |
| 4       | ISTE Grant for Conference / workshop on AI / ML and IoT  | Mr. Sandeep Ushkewar                                | Electrical Engineering               | 0.1                          | 1 Day                   | Indian Society for Technical Education                | Conference Grant               | Government                    | <a href="https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1.1%20Resource%20Mobilization%20for%20Research/15.%20Sandip%20Ushkewar2022-23%20-%20ISTE%20Funding%20for%20Workshop%20on%20AI-ML-IoT.pdf">https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1.1%20Resource%20Mobilization%20for%20Research/15.%20Sandip%20Ushkewar2022-23%20-%20ISTE%20Funding%20for%20Workshop%20on%20AI-ML-IoT.pdf</a> |
| 5       | Project proposal CFP/2022/A/012 titled "Wind Turbine Predictive Maintenance using Machine Learning"                          | Mr. Shahid Akthar                                   | Electrical Engineering               | 4.8                          | 10 Months               | IIT Bombay under Chanakya Fellowship Program 2022-23. | Research Grant                 | Government                    | <a href="https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1.1%20Resource%20Mobilization%20for%20Research/16.%20Shahid%20Akthar%202022-23-%20TIH%20Sanction%20Letter%20HD-%20Shahid%20Sir.pdf">https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1.1%20Resource%20Mobilization%20for%20Research/16.%20Shahid%20Akthar%202022-23-%20TIH%20Sanction%20Letter%20HD-%20Shahid%20Sir.pdf</a>             |



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## ➤ List of Research Project Grants Received During Assessment Year 2021-22:

| Sr. No. | Name of the research project/ endowment          | Name of the Principal Investigator / Coinvestigator | Department of Principal Investigator | Amount Sanctioned (in Lakhs) | Duration of the project | Name of the Funding / Awarding Agency | Nature of the Award  | Type (Govt. / non-Government) | E-copy link of Sanction Letter  |
|---------|--|---|--------------------------------------|------------------------------|-------------------------|---------------------------------------|----------------------|-------------------------------|---|
| 1       | IIC Impact Lecture Series Phase -2 (Sr. No. 618) | Dr. Namra Joshi                                     | Electrical Engineering               | 0.12                         | 2 Months                | AICTE & Ministry of Education         | Impact Lecture Grant | Government                    | <a href="https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1%20Resource%20Mobilization%20for%20Research/11.%20IIC%20Impact%20Lecture%20grant%202021-22.pdf">https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1%20Resource%20Mobilization%20for%20Research/11.%20IIC%20Impact%20Lecture%20grant%202021-22.pdf</a> |

## ➤ List of Research Project Grants Received During Assessment Year 2020-21:

| Sr. No. | Name of the research project/ endowment  | Name of the Principal Investigator / Coinvestigator                     | Department of Principal Investigator | Amount Sanctioned (in Lakhs) | Duration of the project | Name of the Funding / Awarding Agency | Nature of the Award | Type (Govt. / non-Government) | E-copy link of Sanction Letter  |
|---------|--|---|--------------------------------------|------------------------------|-------------------------|---------------------------------------|---------------------|-------------------------------|---|
| 1       | Project proposal titled "STAAD PRO Integration for Advanced Research and Consultancy in Civil Engineering" | Prof. Purna R. Ikhhar<br>Dr. Narayan Chandak<br>Dr. Shrikant Randhavane | Civil Engineering                    | 1.5                          | 6 Months                | Sanjay Soya Private Limited, Dhule    | Research Grant      | Non-Government                | <a href="https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1%20Resource%20Mobilization%20for%20Research/8.%20Prof%20Purna%20R.%20Ikhhar%202020-21.pdf">https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1%20Resource%20Mobilization%20for%20Research/8.%20Prof%20Purna%20R.%20Ikhhar%202020-21.pdf</a> |
| 2       | Project proposal titled "Development of a bi-functional floating photocatalytic substrate for              | Dr. Shakeelur Raheman   | Applied Science & Humanities         | 2.73                         | 01 Year                 | Sanjay Soya Private Limited, Dhule    | Research Grant      | Non-Government                | <a href="https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1%20Resource%20Mobilization%20for%20Research/9.%20Dr.%20Shakeelur%20Raheman%202020-21.pdf">https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1%20Resource%20Mobilization%20for%20Research/9.%20Dr.%20Shakeelur%20Raheman%202020-21.pdf</a>   |



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|---|--|-----------------|------------------------|------|----------|-------------------------------|----------------------|------------|---|
|   | degrading hazardous industrial dye and pharmaceutical chemical waste from water” |                 |                        |      |          |                               |                      |            |   |
| 3 | IIC Impact Lecture Series Phase-1 (Sr. No. 97)                                   | Dr. Namra Joshi | Electrical Engineering | 0.12 | 2 Months | AICTE & Ministry of Education | Impact Lecture Grant | Government | <a href="https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1%20Resource%20Mobilization%20for%20Research/10.%20IIC%20Impact%20Lecture%20grant%202020-21.pdf">https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1%20Resource%20Mobilization%20for%20Research/10.%20IIC%20Impact%20Lecture%20grant%202020-21.pdf</a> |

➤ **List of Research Project Grants Received During Assessment Year 2019-20:**

| Sr. No. | Name of the research project/ endowment   | Name of the Principal Investigator / Coinvestigator | Department of Principal Investigator | Amount Sanctioned (in Lakhs) | Duration of the project | Name of the Funding / Awarding Agency    | Nature of the Award               | Type (Govt. / non-Government) | E-copy link of Sanction Letter  |
|---------|---|---|--------------------------------------|------------------------------|-------------------------|--|-----------------------------------|-------------------------------|---|
| 1       | Unnat Bharat Abhiyan Activities   | Mr. Mohammed Juneduddin                             | Mechanical Engineering               | 0.5                          | 2.5 Year                | Ministry of Finance Dept. of Expenditure | Technological Customization Grant | Government                    | <a href="https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1%20Resource%20Mobilization%20for%20Research/3.%20UBA%20Sanction%20Letter%202019-20%20Rs.%2050%20C000.pdf">https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1%20Resource%20Mobilization%20for%20Research/3.%20UBA%20Sanction%20Letter%202019-20%20Rs.%2050%20C000.pdf</a> |
| 2       | Project proposal titled “RFID and Face recognition verified temperature monitoring contactless attendance system” | Prof. Mayuri Kulkarni                               | Computer Engineering                 | 3.83                         | 01 Year                 | Sanjay Soya Private Limited, Dhule       | Research Grant                    | Non-Government                | <a href="https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1%20Resource%20Mobilization%20for%20Research/4.%20Mrs.%20Mayuri%20Kulkarni%202019-20.pdf">https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1%20Resource%20Mobilization%20for%20Research/4.%20Mrs.%20Mayuri%20Kulkarni%202019-20.pdf</a>                                   |



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|   |  |  |                        |      |          |                                    |                |                |   |
|---|--|--|------------------------|------|----------|------------------------------------|----------------|----------------|---|
| 3 | Project proposal titled "Investigation of Post-Failure Strain Characteristics in Soil Specimens Subjected to Low Strain Shear Rate Loading Conditions"                       | Prof. Yogesh N. Bafna<br>Prof. Pratik Deore<br>Prof. Ilyas Bhat<br>Dr. Shrikant Randhavane | Civil Engineering      | 1.75 | 8 Months | Sanjay Soya Private Limited, Dhule | Research Grant | Non-Government | <a href="https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1.1%20Resource%20Mobilization%20for%20Research/5.%20Mr.%20Yogesh%20N.%20Bafna%202019-20.pdf">https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1.1%20Resource%20Mobilization%20for%20Research/5.%20Mr.%20Yogesh%20N.%20Bafna%202019-20.pdf</a>   |
| 4 | Project proposal titled "Advancing Transportation Engineering Excellence Through Acquisition of State-of-the-Art Marshall Stability Test Setup for Research and Consultancy" | Prof. Darshankumar Patel<br>Prof. Achal Agrawal<br>Dr. Shrikant Randhavane                 | Civil Engineering      | 2.3  | 01 Year  | Sanjay Soya Private Limited, Dhule | Research Grant | Non-Government | <a href="https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1.1%20Resource%20Mobilization%20for%20Research/6.%20Mr.%20Darshankumar%20Patel%202019-20.pdf">https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1.1%20Resource%20Mobilization%20for%20Research/6.%20Mr.%20Darshankumar%20Patel%202019-20.pdf</a> |
| 5 | Project proposal titled "Real Time Comparison of Total Harmonics Distortion for Grid Connected and Solar/Inverter Based Induction Motor Using Power Quality Analyser"        | Dr. Vishal Moyal<br>Mr. Namra Joshi  | Electrical Engineering | 5    | 01 Year  | Sanjay Soya Private Limited, Dhule | Research Grant | Non-Government | <a href="https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1.1%20Resource%20Mobilization%20for%20Research/7.%20Dr.%20Vishal%20Moyal%202019-20.pdf">https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1.1%20Resource%20Mobilization%20for%20Research/7.%20Dr.%20Vishal%20Moyal%202019-20.pdf</a>             |



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## ➤ List of Research Project Grants Received During Assessment Year 2018-19:

| Sr. No. | Name of the research project/ endowment  | Name of the Principal Investigator / Coinvestigator                              | Department of Principal Investigator | Amount Sanctioned (in Lakhs) | Duration of the project | Name of the Funding / Awarding Agency | Nature of the Award | Type (Govt. / non-Government) | E-copy link of Sanction Letter  |
|---------|--|--|--------------------------------------|------------------------------|-------------------------|---------------------------------------|---------------------|-------------------------------|---|
| 1       | Project proposal titled "California Bearing Ratio (CBR) Test Setup for Research and Consultancy: A Strategic Integration of Research and Consultancy Applications" | Prof. Basweshwar S. Jirwankar<br>Prof. Sagar Deshmukh<br>Dr. Shrikant Randhavane | Civil Engineering                    | 1.90                         | 8 Months                | Sanjay Soya Private Limited, Dhule    | Research Grant      | Non-Government                | <a href="https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1.1%20Resource%20Mobilization%20for%20Research/1.%20Dr.%20Basweshwar%20Jirwankar%202018-19.pdf">https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1.1%20Resource%20Mobilization%20for%20Research/1.%20Dr.%20Basweshwar%20Jirwankar%202018-19.pdf</a> |
| 2       | Project proposal titled "Water Quality Analysis Using Spectrophotometer"   | Dr. Shrikant Randhavane<br>Prof. Deepak Singh Baghel<br>Prof. Prerna R. Ikhar    | Civil Engineering                    | 1.70                         | 8 Months                | Sanjay Soya Private Limited, Dhule    | Research Grant      | Non-Government                | <a href="https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1.1%20Resource%20Mobilization%20for%20Research/2.%20Dr.%20Shrikant%20Randhavane%202018-19.pdf">https://svkm-iot.ac.in/NAAC/Criterion3/3.1/3.1.1%20Resource%20Mobilization%20for%20Research/2.%20Dr.%20Shrikant%20Randhavane%202018-19.pdf</a>   |