



Shiksha Mandal's

BAJAJ INSTITUTE OF TECHNOLOGY, PIPRI, WARDHA

SUPPORTING DOCUMENTS

CRITERION-VII

Key Indicator: 7.1 – Best Practices

Integrated Societal Engagement



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BAJAJ INSTITUTE OF TECHNOLOGY, PIPRI, WARDHA

Rural Development

- Supervision of construction of the Z. P. School building in Pipri
- Identification of location for the construction of wells in Pipri.
- Unnat Bharat Abhiyan – Survey of 5 adopted villages.
- Implementation of 1 KW solar system in Takali (Chana) Village.
- Collection of Geographical data for Construction of K. T. Weir at Talegaon
- Design and Drawing of Gravity Retaining Wall as K. T. Weir at Nara
- Structural design of the footbridge to cross a brook at Giroli Dhage Village, Wardha.
- Structural Supervision of Saldara Zilha Parishad School.
- Structural Supervision of Kachnur Zilha Parishad School.
- Information Dissemination through WhatsApp Group.



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Bajaj Institute of Technology

(Approved by AICTE, and affiliated to Dr. Babasaheb Ambedkar
Technical University, Lonere)

Arvi Road, Pipri – Wardha - 442001

Post Box. No. 25, Phone / Fax (07152) 254770, 255770

Supervision of Construction of Z.P. School Building at Pipri.

The construction of the ZP School building at Pipri Village is a project undertaken by Jamnallal Bajaj Sewa Trust as part of its commitment to community development. Mr. Timande from Bajaj Institute of Technology was assigned the role of Construction and Maintenance In-charge to oversee the project's execution.

The construction project progressed according to the established timeline. The foundation work and the structural framework has been completed. Mr. Timande effectively managed the construction team, ensuring that each phase is executed efficiently. Quality control measures have been rigorously implemented throughout the construction process. Mr. Timande has conducted regular inspections to ensure that materials used meet the specified standards and that construction practices adhere to safety and quality guidelines. Effective communication has been a cornerstone of the supervision process. Mr. Timande has maintained open lines of communication with the construction team, project stakeholders, and local authorities. Regular progress meetings have been conducted to address any concerns and ensure that the project stays on track.

The supervision conducted by Mr. Timande in the construction of the ZP School building at Pipri Village has been commendable. The project is progressing well, and his effective management and leadership skills have contributed to its success. The commitment to quality, safety, and communication bodes well for the timely and successful completion of the school building.



अजय वि. गौळकर

सरपंच

ग्रामपंचायत, पिपरी (मेघे), वर्धा

: कार्यालय :
अवलार कॉम्प्लेक्स, कारला चौक, पिपरी (मेघे), वर्धा

: निवास :
अवगत कॉलनी, कारला रोड, पिपरी (मेघे), वर्धा-४४२००१


दिनांक : ०१/०८/२०२२

पिपरी ग्राम पुरस्कार

ग्राम पंचायत, पिपरी (मेघे), जिल्हा वर्धा तर्फे बजाज इंस्टीट्यूट ऑफ टेक्नॉलॉजी या अभियांत्रिकी महाविद्यालयास वर्ष २०२० ते २०२२ मध्ये पिपरीच्या खालील विकास कार्यक्रमांमध्ये उत्कृष्ट योगदान दिव्याबद्दल पिपरी ग्रामपंचायत पुरस्कार प्रदान करण्यात येत आहे.

- १) पिपरी ग्रामपंचायत शाळेच्या बांधकामाची देखरेख संस्थेच्या शिक्षक व शिक्षकेतर कर्मचाऱ्यांकडून झाली.
- २) कोविड -१९ दरम्यान पिपरीच्या ग्रामस्थांसाठी लसीकरण मोहीम राबवली.
- ३) पिपरी मधील शेतकऱ्यांच्या विहिरी खोदण्यासाठी योग्य ती जागा तंत्रज्ञानाच्या पद्धतीने माहित करून दिली.
- ४) युवा ग्रामस्थांसाठी रोजगार समाचार व सर्व ग्रामस्थांसाठी वर्तमानपत्रातील बातम्यांसाठी 'वॉट्स अॅप' ग्रुप अमलात आणला.
- ५) पिपरी ग्रामपंचायतीच्या शाळांमधील मुलांना संगणक व इतर तंत्रज्ञानाबद्दल अवगत करून दिले.

हा पुरस्कार दिनांक १५ ऑगस्ट २०२२ रोजी पंचायत कार्यालय पिपरी येथे प्राचार्य बजाज इंस्टीट्यूट ऑफ टेक्नॉलॉजी यांनी त्यांच्या संस्थेच्या वतीने स्वीकार करावा हि विनंती.


सरपंच
पिपरी (मेघे) ग्रामपंचायत
अवलार कॉम्प्लेक्स, कारला चौक, पिपरी (मेघे), वर्धा





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The Bajaj Institute of Technology, Wardha, conducted an Electric Resistivity Test in the villages of Karla, Pipri, and Mhasala on 2nd June 2022, to identify suitable locations for well construction. This initiative aims to enhance water availability for agricultural activities, ultimately benefiting the farmers in these regions. The basic purpose of the Electric Resistivity Test was to determine the subsurface resistivity of the soil, which is crucial in identifying potential water sources for well construction. This information aids in selecting optimal locations to ensure the sustainability and effectiveness of wells for irrigation purposes.

The Bajaj Institute of Technology faculty conducted systematic resistivity surveys at selected sites, covering a range of depths to gather comprehensive data and recorded resistivity values and corresponding depths using advanced data logging equipment. They have analyzed the collected data to identify variations in resistivity, indicating potential aquifers or water-bearing layers. Based on the Electric Resistivity Test, several promising sites were identified in the Karla, Pipri, and Mhasala villages. The resistivity data indicated the presence of subsurface layers with high water content, suggesting viable locations for well construction hence based on data some points were recommended for drilling wells at identified sites with high resistivity variations indicative of potential water-bearing layers.

The Electric Resistivity Test conducted by the Bajaj Institute of Technology in Karla, Pipri, and Mhasala villages has successfully identified potential sites for well construction. The outcomes of this initiative have the potential to significantly improve water availability for agricultural activities, thereby contributing to the overall prosperity of the farming communities in these regions. The initiative taken by Bajaj Institute of Technology appreciated by farmers, local authorities (Gram–Panchayat).





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Report on Village Survey Programme

Bajaj Institute of Technology, Wardha, organized the Village Survey Programme from 17th December 2018 to 21st December 2018. These surveys were conducted under the Unnat Bharat Abhiyaan.

The students visited five villages (Bhaiyyapur, Mamdapur, Sati, Nimsada and Takli chana) of Wardha district which have been adopted for launching various development schemes. The volunteers interacted with the villagers in order to get acquainted with the basic problems which the people are facing in villages. Total 85 volunteers have participated in village survey programme.





उन्नत भारत अभियान - ग्रामीण सर्वेक्षण प्रपत्र



गांव की पहचान संख्या:

1. बुनियादी जानकारी	
गांव का नाम	21 कछी-राजाजी
ग्राम पंचायत	21 कछी-राजाजी
वाटों की संख्या	5
बस्तियों की संख्या	5
जर्क	डिग्री
जिला	वहा
राज्य	हरियाणा
लोक सभा / निर्वाचन क्षेत्र	राजौर
जिला मुख्यालय से दूरी	30 कि.मी
गांव का क्षेत्रफल (एकर)	1544 एकर
कृषि योग्य भूमि क्षेत्र (एकर)	1487.5 एकर
वन क्षेत्र (एकर)	5 एकर
आवास/आवादी क्षेत्र (एकर)	25 एकर
जल निकासों के अंतर्गत क्षेत्र (एकर)	862.5 एकर
सांसाध्यिक भूमि क्षेत्र (एकर)	10 एकर
औसत प्रति व्यक्ति भूमि होल्डिंग (एकर)	1.32 एकर
अपशिष्ट भूमि (एकर)	4.08 एकर
पानी का स्तर (फीट)	30 फुट

2. गांव के बुनियादी ढांचे और बुनियादी सुविधाएं

ग्राम अवसंरचना/बुनियादी सुविधाएं/ सेवाएं	गांव में स्थित (हां/नहीं)	संख्या	दूरी (की. मी.), यदि बाहर स्थित है तो
प्राथमिक विद्यालय (सरकारी)	✓ हाँ	2	0
प्राथमिक विद्यालय (निजी)	नहीं	—	—
मिडिल विद्यालय (सरकारी)	✓ हाँ	1	0.2 km
मिडिल विद्यालय (निजी)	नहीं	—	—
माध्यमिक विद्यालय (निजी)	नहीं	—	—
माध्यमिक विद्यालय (सरकारी)	नहीं	—	—
आईटीआई/डिप्लोमा संस्थान (सरकारी)	नहीं	—	—
आईटीआई/डिप्लोमा संस्थान (निजी)	नहीं	—	—
महाविद्यालय (सरकारी)	नहीं	—	—
महाविद्यालय (निजी)	नहीं	—	—
बैंक / एटीएम	नहीं	—	—
प्राथमिक स्वास्थ्य केंद्र	नहीं	—	—
सिविल अस्पताल	नहीं	—	—
स्वयं सेवी संस्थाएं	नहीं	—	—
डाकघर	नहीं	—	—
गैस एग्जेंसिया	नहीं	—	—
प्रशिक्षण केंद्र (निर्दिष्ट करें)	नहीं	—	—
बिजली कार्यालय	नहीं	—	—
आंगनवाड़ी केंद्र	✓	1	—
गांव में पेट्रोल पंप	नहीं	—	—
किमान सेवा केंद्र	नहीं	—	—
कृषि बाण्टी	नहीं	—	—
किराया मूल्य दुकान	✓	1	—
दुग्ध सहकारी/संग्रह केंद्र	नहीं	—	—
रेलवे स्टेशन	नहीं	—	—
बस स्टॉप	नहीं	—	—
पशु चिकित्सा देखभाल केंद्र	नहीं	—	—
खेल सुविधा/ क्रीडा स्थल	नहीं	—	—
सांसाध्यिक स्वच्छता परिशरों की संख्या	हाँ	9	—

30/07/21



उन्नत भारत अभियान - ग्रामीण सर्वेक्षण प्रपत्र



3. ग्राम संपर्क (सड़कें)

नजदीकी राजमार्ग से गांव की दूरी/प्रमुख त्रि. प. रोड (कि.मी. में)	2 Km ✓
क्या पक्की सड़क से गांव जुड़ी है?	हाँ/जी
यदि हां, तो एप्रोच रोड का व्यास i) सड़क की लंबाई (कि.मी. में) ii) निर्माण का वर्ष iii) योजना जिसके अंतर्गत बनवाये गये iv) वर्तमान स्थिति (पूर्ण/अपूर्ण)	1. 340 मीटर 2. 2017 3. PWD 4. ✓
आंतरिक सड़कों की लंबाई (गांव के अंदर/ बसियां)	कच्ची (कि.मी.) पक्की (कि.मी.) कुल (कि.मी.)
परिवहन का माध्यम क्या उपलब्ध है?	✓ बस/सिस्टम/ऑटो/टैक्सी/अन्य, निर्दिष्ट करें ✓
परिवहन के उपलब्ध माध्यम की आपूर्ति	असमर/कभी कभी/केवल दो बार एक दिन में/ इसके अतिरिक्त

4. भूमि, वन एवं बागवानी प्रोफाइल

जंगल का प्रकार (अरक्षित/सुरक्षित/धुना)	2500
सामुदायिक वन (एकड़)	18.72 एकर
सरकारी वन (एकड़)	5 एकर
मुख्य वन पेड़ और झाड़ी/घास प्रजातियाँ	
मुख्य औषधीय पौधे	कटु, खिंम, करंज, पेठ, आलूहा, आंजाज इतर
ऊर्जा वृक्षारोपण (यदि हां, तो प्रजातियों और क्षेत्र बताएं) (शीर्ष 3)	प्रजातियाँ
	क्षेत्रफल (एकड़)

5. सामान्य गांव में बिजली की जरूरतें

क्रम संख्या	समुदाय स्थान	* बिजली के उपकरण (कोडिंग के साथ संख्या लियें)	आपूर्ति अवधि (घंटे में) (संख्या के साथ आवेदन कोड लियें घंटे के साथ)
1.	पंचायत कार्यालय	1 (4), 2(2), 3(1).... (नमूना)	1 (8), 2(4), 3(5).... (नमूना)
2.	औषधालय	-	-
3.	समुदायिक भवन	-	-
4.	स्ट्रीट लाइट	① LED ② 20 ✓	①
5.	धर्मशाला	-	-
6.	सामाजिक संगठन (पुवा/महिला मंडलों)	-	-
7.	प्रशिक्षण और उत्पादन केंद्र	-	-
8.	अन्य	-	-

* बिजली के उपकरणों: 1- सीएफएल/LED-बल्ब(20) ट्यूब लाइट(W), -2 Fan (70W), -3 डेजर्ट कूलर (150)W, -4 टी वी (150)W, -5 फ्रिज (220)W, -6 म्यूजिक सिस्टम (100)W, -7 इलेक्ट्रिक मोटर वंप (750)W, 8- हीटर (1000W), 9- इलेक्ट्रिक ज्वारन (1000W), 10-एयर कंडीशनर

टिप्पणियां, यदि कोई हो: ① सार्वजनिक शौचालय ② पक्की बसडका बूने, पक्की एनएसए के तहत आया
गांव में बिजली स्ट्रीट लाइट 2 पोलोका सड़काय होना चाहिए

सर्वेक्षक
प्रतिभा चं. भोगाडे
(नाम और हस्ताक्षर)

सर्वेक्षकी
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सर्वेक्षण की तारीख
11/12/2018



उन्नत भारत अभियान - ग्रामीण सर्वेक्षण प्रपत्र

विभाग 5) गांव की माहिती



गांव की पहचान संख्या:

1. बुनियादी जानकारी	
गांव का नाम	जिसस
ग्राम पंचायत	बारागांव
बार्डों की संख्या	9
बस्तियों की संख्या	9
जनिक	6900
जिला	असम
राज्य	असम
लोक सभा / निर्वाचन क्षेत्र	6900 पुराना
जिला मुख्यालय से दूरी	23km
गांव का क्षेत्रफल (एकड़)	2,086.61 एकड़
कृषि योग्य भूमि क्षेत्र (एकड़)	1601.57 एकड़
बन क्षेत्र (एकड़)	17 एकड़
आवास/आबादी क्षेत्र (एकड़)	28 एकड़
जल निकासों के अंतर्गत क्षेत्र (एकड़)	490 एकड़
सामुदायिक भूमि क्षेत्र (एकड़)	8 एकड़
औसत प्रति व्यक्ति भूमि होल्डिंग (एकड़)	2.87 एकड़
अपशिष्ट भूमि (एकड़)	57.89
पानी का स्तर (फीट)	30 1/2

2. गांव के बुनियादी ढांचे और बुनियादी सुविधाएं

ग्राम व्यवस्थापन/बुनियादी सुविधाएं/ सेवाएं	गांव में स्थित (हां/नहीं)	संख्या	दूरी (कि. मी.), यदि बाहर स्थित है तो
प्राथमिक विद्यालय (सरकारी)	हां	9	0
प्राथमिक विद्यालय (निजी)	नहीं	0	4km
मिडिल विद्यालय (सरकारी)	नहीं	0	4km
मिडिल विद्यालय (निजी)	नहीं	0	8km (2021/22)
माध्यमिक विद्यालय (निजी)	नहीं	0	8km (2021/22)
माध्यमिक विद्यालय (सरकारी)	नहीं	0	-
आईटीआई/दिप्लोमा संस्थान (सरकारी)	नहीं	0	23km असा
आईटीआई/दिप्लोमा संस्थान (निजी)	नहीं	0	28km
महाविद्यालय (सरकारी)	नहीं	0	23km असा
महाविद्यालय (निजी)	नहीं	0	25km असा
बैंक / एटीएम	नहीं	0	98km बारागांव
प्राथमिक स्वास्थ्य केंद्र	नहीं	0	90km बारागांव
मिडिल अस्पताल	नहीं	0	23km असा
स्वयं सेवी संस्थाएं	नहीं	0	98km बारागांव
हाकधर	नहीं	0	5km समीप
गैस एग्जेमिन्या	नहीं	0	98km बारागांव
प्रशिक्षण केंद्र (निर्दिष्ट करें)	नहीं	0	98km
बिजली कार्यालय	नहीं	0	98km बारागांव
आंगनवाड़ी केंद्र	नहीं	9	0
गांव में पेट्रोल पंप	नहीं	0	93km बारागांव
किमान सेवा केंद्र	नहीं	0	13km
कृषि भण्डार	नहीं	0	13km
किराया मुक्त दुकान	नहीं	0	0 -
दुग्ध सहकारी/संग्रह केंद्र	नहीं	9	0 -
रेलवे स्टेशन	नहीं	0	22km असा
बस स्टॉप	नहीं	0	3km बारागांव
पशु चिकित्सा देखभाल केंद्र	नहीं	0	6km बारागांव
खेल सुविधा/ स्टीडा स्थल	नहीं	0	25km असा
सामुदायिक स्वच्छता परिसरों की संख्या	नहीं	0	0



उन्नत भारत अभियान - ग्रामीण सर्वेक्षण प्रपत्र



3. ग्राम संपर्क (सड़कें)

नजदीकी राजमार्ग से गांव की दूरी/प्रमुख जि. प. रोड (कि.मी. में)	5 km
क्या पक्की सड़क से गांव जुड़ी है?	हाँ/नहीं
यदि हाँ, तो एप्रोच रोड का स्वीरा i) सड़क की लंबाई (किमी में) ii) निर्माण का वर्ष iii) योजना जिसके अंतर्गत बनवाये गये iv) वर्तमान स्थिति (पूर्ण/अपूर्ण)	1. 2 km 2. 1995 3. ग्रामीण योजना विभाग 4. पूरा
आंतरिक सड़कों की लंबाई (गांव के अंदर बस्तियां)	कुल 2 km (कि.मी.) पक्का 0 (कि.मी.) कुल 0 (कि.मी.)
परिवहन का माध्यम क्या उपलब्ध है?	बस/साइकिल/ऑटो/जीप/ब्रम्ब, निर्दिष्ट करें
परिवहन के उपलब्ध माध्यम की आवृत्ति	अक्सर कभी कभी केवल दो बार एक दिन में/इसके अतिरिक्त

4. भूमि, वन एवं बागवानी प्रोफाइल

जंगल का प्रकार (अरक्षित/सुरक्षित/धुना)	2 बुला	
सामुदायिक वन (एकड़)	8 एकर	
सरकारी वन (एकड़)	-	
मुख्य वन पेड़ और झाड़ी/घास प्रजातियाँ	शिम, बोर, कडलिन, पेक, करंज, आंबा	
मुख्य औषधीय पौधे	-	
ऊर्जा वृक्षारोपण (यदि हाँ, तो प्रजातियों और क्षेत्र बताएं) (सीर 3)	प्रजातियाँ	क्षेत्रफल (एकड़)

5. सामान्य गांव में बिजली की जरूरतें

क्रम संख्या	समुदाय स्थान	* बिजली के उपकरण (कोष्ठ के साथ संख्या निचें)	आपूर्ति अवधि/ (घंटे में) (संख्या के साथ आवेदन कोष्ठ निचें घंटे के साथ)
1.	पंचायत कार्यालय	1 (4), 2(2), 3(1).... (नमूना)	1 (8), 2(4), 3(5).... (नमूना)
2.	औषधालय	-	-
3.	समुदायिक भवन	1 (2) 2(5)	-
4.	स्ट्रीट लाइट	1	1
5.	धर्मशाला	-	-
6.	सामाजिक संगठन (युवा/महिला मंडल)	-	-
7.	प्रशिक्षण और उत्पादन केंद्र	-	-
8.	अन्य	-	-

* बिजली के उपकरणों: 1- सीएफएल/LED-बल्ब(20) ट्यूब लाइट(W), -2 Fan (70W), -3 टैनेट कुलर (150)W, -4 टी वी (150)W, -5 फ्रिज (220)W, -6 म्यूजिक सिस्टम (100)W, -7 इलेक्ट्रिक मोटर पंप (750)W, -8 हीटर (1000W), -9 इलेक्ट्रिक आयरन (1000W), -10-एयर कंडीशनर

टिप्पणियाँ, यदि कोई हो:

सर्वेक्षक
प्रफुल्ल सी. बंसोड
(नाम और हस्ताक्षर)

प्रतिभावी
(नाम, पदनाम और हस्ताक्षर)

सर्वेक्षण की तारीख

11/12/2018

ग्रामपंचायत बोर, जमीना' व.स. दगडी बघा.

P.P. Bansod



उन्नत भारत अभियान - ग्रामीण सर्वेक्षण प्रपत्र



गांव की पहचान संख्या: 164

1. बुनियादी जानकारी

गांव का नाम	आसी
ग्राम पंचायत	गट ग्राम पंचायत केरुड
वाडों की संख्या	1 1/2 वाड
वस्तियों की संख्या	1
ब्लॉक	दिगांगुवाट
जिला	नया
राज्य	मध्य प्रदेश
लोक सभा / निर्वाचन क्षेत्र	नया
जिला मुख्यालय से दूरी	45
गांव का क्षेत्रफल (एकड़)	7 एकड़ 443.58 एकड़ भार
कृषि योग्य भूमि क्षेत्र (एकड़)	356.21 एकड़ 323.76 एकड़ भार
वन क्षेत्र (एकड़)	33.36 एकड़
आवास/आवादी क्षेत्र (एकड़)	1.57 एकड़
जल निकासों के अंतर्गत क्षेत्र (एकड़)	73.41 एकड़ 7 एकड़
सामुदायिक भूमि क्षेत्र (एकड़)	44.71 एकड़ 73.41
औसत प्रति व्यक्ति भूमि होल्डिंग (एकड़)	2.41 एकड़ - 5.95
अपशिष्ट भूमि (एकड़)	32.15 एकड़ 80.21
पानी का स्तर (फीट)	100 फुट

1046.52 A
800.73
52.46
3.88
13.204

2. गांव के बुनियादी ढांचे और बुनियादी सुविधाएं

ग्राम व्यवस्थापना/बुनियादी सुविधाएं/ सेवाएं	गांव में स्थित (हां/नहीं)	संख्या	दूरी (की. मी.), यदि बाहर स्थित है तो
प्राथमिक विद्यालय (सरकारी)	हां	1	- 0
प्राथमिक विद्यालय (निजी)	नहीं		51m
मिडिल विद्यालय (सरकारी)	नहीं		31m
मिडिल विद्यालय (निजी)	नहीं		31m
माध्यमिक विद्यालय (निजी)	नहीं		31m
नागरिक विद्यालय (सरकारी)	नहीं		3km
आईटीआई/डिप्लोमा संस्थान (सरकारी)	नहीं		451m
आईटीआई/डिप्लोमा संस्थान (निजी)	नहीं		451m
महाविद्यालय (सरकारी)	नहीं		- 31 9
महाविद्यालय (निजी)	नहीं		851m
बैंक / एटीएम	नहीं		0-
प्राथमिक स्वास्थ्य केंद्र	नहीं		141m
मिडिल अस्पताल	नहीं		451m
स्वयं सेवी संस्थाएं	1		451m
डाकघर	नहीं		3km
सैम एजेंसियां	नहीं		14km
प्रशिक्षण केंद्र (निर्दिष्ट करें)	नहीं		44km
बिजली कार्यालय	नहीं		14km
आंगनवाड़ी केंद्र	हां	1	- 0
गांव में पेट्रोल पंप	नहीं		27km
किमान सेवा केंद्र	हां	1	0
कृषि बाण्टी	नहीं		55km
किराया मूल्य दुकान	4 हा	4	0
दुग्ध सरकारी/संगठन केंद्र	नहीं		151m
रेलवे स्टेशन	नहीं		451m
बस स्टॉप	हां	-	- 0
पशु चिकित्सा देखभाल केंद्र	नहीं		51km
खेल सुविधा/क्रीडा स्थल	नहीं		45km
सामुदायिक स्वच्छता परिसरों की संख्या	नहीं	-	45km 9



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3. ग्राम संपर्क (सड़कें)

नजदीकी राजमार्ग से गांव की दूरी/प्रमुख जि. प. रोड (की.मी. में)	2 6 km
क्या पक्की सड़क से गांव जुड़ी है?	हां/ नहीं
यदि हां, तो एड्रोप रोड का ब्यौरा	
i) सड़क की लंबाई (किमी में)	1. हां 14 km
ii) निर्माण का वर्ष	2. 2010
iii) योजना जिसके अंतर्गत बनवाये गये	3. P.M.Y
iv) वर्तमान स्थिति (पूर्ण/अपूर्ण)	4. 3/4th
आंतरिक सड़कों की लंबाई (गांव के अंदर/ बसियां)	कच्चा - (कि.मी.) पक्का - (कि.मी.)
परिवहन का माध्यम क्या उपलब्ध है?	बस/ साइकल/ ऑटो/ जीप/ अन्य, निर्दिष्ट करें
परिवहन के उपलब्ध माध्यम की आवृत्ति	अवसर/ कभी कभी/ केवल दो बार/ एक दिन में/ इसके अतिरिक्त

4. भूमि, वन एवं बागवानी क्षेत्र

जंगल का प्रकार (आरक्षित/गैर-आरक्षित/धुना)	205 एकड़	
सामुदायिक वन (एकड़)		
सरकारी वन (एकड़)	200 एकड़	
ग्राम वन पेड़ और झाड़ी/घास प्रजातियाँ	अमूल, शिबिर, कुड़मि	
ग्राम औद्योगिक पौधे		
ऊर्जा वृक्षारोपण (यदि हां, तो प्रजातियों और क्षेत्र बताएं) (सीधे 3)	प्रजातियाँ	क्षेत्रफल (एकड़)

5. सामान्य गांव में बिजली की उपकरणें

क्रम संख्या	समुदाय स्थान	* बिजली के उपकरण (कोडिंग के साथ संख्या लिखें)	आपूर्ति अवधि/ घंटे में (संख्या के साथ आवेदन कोड लिखें घंटे के साथ)
1.	पंचायत कार्यालय	1 (4), 2(2), 3(1).... (नमूना)	1 (8), 2(4), 3(5).... (नमूना)
2.	औषधालय	-	-
3.	समुदायिक भवन	-	-
4.	स्ट्रीट लाइट	1 (25)	1 (7) 7 (4)
5.	धर्मशाला	-	-
6.	सामाजिक संगठन (पुरुष/महिला मंडलों)	4 घरतगल (महिला)	
7.	प्रशिक्षण और उत्पादन केंद्र	नहीं	
8.	अन्य	-	-

* बिजली के उपकरणों: 1- सीएचएल/LED-बल्ब(20) ट्यूब लाइट(W), -2 Fan (70W), -3 डेजर्ट कूलर (150)W, -4 टी वी (150)W, -5 फ्रिज (220)W, -6 म्यूजिक सिस्टम (100)W, -7 इलेक्ट्रिक मोटर पंप (750)W, -8 हीटर (1000W), -9 इलेक्ट्रिक आपरण (1000W), -10-एयर कंडीशनर

टिप्पणियां, यदि कोई हो:

सर्वेक्षक
हेमंत म. नाईक ✓
(नाम और हस्ताक्षर)

प्रतिवादी
(नाम, पता और हस्ताक्षर)
98
ग्र. वि. पंचायत, जि. पंच

सर्वेक्षण की तारीख
6/12/2018



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गांव की पहचान संख्या:

1. बुनियादी जानकारी

गांव का नाम	साहसपुरा	
ग्राम पंचायत	साहसपुरा	
बादों की संख्या	3	
बनियों की संख्या	2	
जमीन	- एकड़	
जिला	बदायूँ	
राज्य	उत्तर प्रदेश	
लोक सभा / निर्वाचन क्षेत्र	बदायूँ (साहसपुरा)	
जिला मुख्यालय से दूरी	23 कि.मी.	
गांव का क्षेत्रफल (एकड़)	164.46 ई. आर.	1106.54 ACRE
कृषि योग्य भूमि क्षेत्र (एकड़)	138.89 ई. आर.	247.93
वन क्षेत्र (एकड़)	11.98 ई. आर.	29.01
आवासीय/आवारी क्षेत्र (एकड़)	1.36 ई. आर.	2.36
जन निकासों के अंतर्गत क्षेत्र (एकड़)	18.60 ई. आर.	45.94
सामुदायिक भूमि क्षेत्र (एकड़)	- नहीं	
जीवन प्रति व्यक्ति भूमि होल्डिंग (एकड़)	1.98 ई. आर.	70 शेकरी 4.89
अपशिष्ट भूमि (एकड़)	13.59 ई.	37.59
पानी का स्तर (मीटर)	40 फुट	

2. गांव के बुनियादी ढांचे और बुनियादी सुविधाएं

ग्राम अवसंरचना/बुनियादी सुविधाएं/सेवाएं	गांव में स्थित (हां/नहीं)	संख्या	दूरी (की. मी.), यदि बाहर स्थित है तो
प्राथमिक विद्यालय (सरकारी)	हां	1	गांव में
प्राथमिक विद्यालय (निजी)	-	-	3 km
मिडिल विद्यालय (सरकारी)	-	-	43 कि.मी. - साहसपुरा
मिडिल विद्यालय (निजी)	-	-	4
माध्यमिक विद्यालय (निजी)	-	-	3 कि.मी. - गिरौली
माध्यमिक विद्यालय (सरकारी)	-	-	12 km
आईटीआई/डिप्लोमा संस्थान (सरकारी)	-	-	25 कि.मी. - बदायूँ
आईटीआई/डिप्लोमा संस्थान (निजी)	-	-	12 कि.मी. - बामगांव
महाविद्यालय (सरकारी)	-	1	22 कि.मी. - बदायूँ
महाविद्यालय (निजी)	-	1	12 कि.मी. - बामगांव
बैंक / एटीएम	-	1	3 कि.मी. - गिरौली
प्राथमिक स्वास्थ्य केंद्र	-	1	3 कि.मी. - गिरौली
विशेष अस्पताल	-	1	22 कि.मी. - बदायूँ
स्वयं सहाय संस्थाएं	-	1	3 कि.मी. - गिरौली
डाकघर	-	1	3 कि.मी. - गिरौली
सैम एग्जेंसिया	-	1	22 कि.मी. - बदायूँ
प्रशिक्षण केंद्र (निर्दिष्ट करें)	-	-	नहीं
बिजली कार्यालय	-	-	3 कि.मी. - गिरौली
आयनवाही केंद्र	हां	1	गांव में
गांव में पेट्रोल पंप	-	-	19 कि.मी. - बामगांव
किमान सेवा केंद्र	-	-	3 कि.मी. - गिरौली
कृषि मण्डी	-	-	22 कि.मी. - बदायूँ
किराया मूख दुकान	हां	1	0
दूध महकरी/संग्रह केंद्र	हां	1	5 कि.मी. - गिरौली
रेलवे स्टेशन	हां	-	23 कि.मी.
बस स्टॉप	हां	1	2 कि.मी.
पशु चिकित्सा देखभाल केंद्र	हां	1	3 कि.मी. - साहसपुरा
खेल सुविधाएं/क्रीडा स्थल	हां	-	25 कि.मी. - बदायूँ
सामुदायिक स्वच्छता परिसरों की संख्या	नहीं	-	नहीं



उन्नत भारत अभियान - ग्रामीण सर्वेक्षण प्रपत्र



3. ग्राम संपर्क (सड़कों)

नजदीकी राजमार्ग से गांव की दूरी/प्रमुख जि. प. रोड (की.मी. में)	9. 3 km
क्या सड़की सड़क से गांव जुड़ी है?	हां/नहीं
यदि हां, तो एप्रोच रोड का स्तर	नहीं है
i) सड़क की नंबाई (कि.मी. में)	1. - 2 कि.मी.
ii) निर्माण का वर्ष	2. - 2013
iii) योजना जिसके अंतर्गत बनवाये गये	3. - ग्राम पंचायत द्वारा सड़क योजना PMGSY
iv) वर्तमान स्थिति (पूर्ण/अपूर्ण)	4. - पूर्ण
आंतरिक सड़कों की नंबाई (गांव के अंदर/ बस्तियों)	कच्चा 9 (कि.मी.) पक्का 9 (कि.मी.) कुल 9 (कि.मी.)
परिवहन का माध्यम क्या उपलब्ध है?	बस/साइकिल/ऑटो/बिच/बस, निर्दिष्ट करें गाँव, दूरियाँ
परिवहन के उपलब्ध माध्यम की आवृत्ति	अवसर/कभी कभी/कितन दो बार एक दिन में/ इसके प्रतिदिन

4. भूमि, बन एवं बायवानी प्रोफाइल

जंगल का प्रकार (आरक्षित/व्यवसाय/धुना)	अव्यवस्थित जंगल	
सामुदायिक बन (एकड़)	नहीं	
सरकारी बन (एकड़)	नहीं	
मुख्य बन पेड़ और झाड़ी/धारा प्रजातियाँ	नहीं	
मुख्य औषधीय पौधे	नहीं	
ऊर्जा वृक्षारोपण (यदि हां, तो प्रजातियों और क्षेत्र बताएं) (सीधे 3)	प्रजातियाँ	क्षेत्रफल (एकड़)
	गहरी	नहीं

5. सामान्य गांव में बिजली की जरूरतें

क्रम संख्या	समुदाय स्थान	* बिजली के उपकरण (कोटिंग के साथ संख्या विधे)	आपूर्ति अवधि (घंटे में) (संख्या के साथ आवेदन कोट विधे घंटे के साथ)
1.	पंचायत कार्यालय	1 (4), 2(2), 3(1)... (नमूना) 35 CFL 1(1), 2(2), 100(7)	1 (8), 2(4), 3(5)... (नमूना)
2.	औषधालय	1 - LED	24
3.	समुदायिक भवन		
4.	स्ट्रीट लाइट	1	
5.	धर्मशाला	-	-
6.	सामाजिक संगठन (पुरुष/महिला मंडलों)	-	-
7.	प्रशिक्षण और उत्पादन केंद्र	-	-
8.	अन्य	-	-

* बिजली के उपकरणों: 1- सीएफएल/LED-बल्ब(20) ट्यूब लाइट(W), -2 Fan (70W), -3 डेक्ट फूलर (150W), -4 टी वी (150W), -5 फ्रिज (220W), -6 म्यूजिक सिस्टम (100W), -7 इलेक्ट्रिक मोटर पंप (750W), -8 हीटर (1000W), -9 इलेक्ट्रिक आयरन (1000W), -10 एयर कंडीशनर

टिप्पणियाँ, यदि कोई हो: 80% वैयक्तिक खर्च कागदों से जाव में है।

सर्वेक्षक
प्रतिभा चं. ओंगडे ✓
(नाम और हस्ताक्षर)

प्रतिवादी
(नाम, पदनाम और हस्ताक्षर)

सर्वेक्षण की तारीख
7/12/2018

ग्राम पंचायत, ... (ना.)
पं. स. देवगो, ...



उन्नत भारत अभियान - ग्रामीण सर्वेक्षण प्रपत्र



गांव की पहचान संख्या:

1. बुनियादी जानकारी

गांव का नाम	शैथ्यापुर		
ग्राम पंचायत	गट मा.प. स्वामगाँव		
वाहों की संख्या	1		
बस्तियों की संख्या	1		
जनक	डिगणधार		
जिला	981		
राज्य	मध्यप्रदेश		
लोक सभा / निर्वाचन क्षेत्र	981		
जिला मुख्यालय से दूरी	33 km (40 km)		
गांव का क्षेत्रफल (एकड़)	293.07	है.आर	726.41
कृषि योग्य भूमि क्षेत्र (एकड़)	262.97	है.आर	1485.83 (249.81) 500
वन क्षेत्र (एकड़)	7.57	है.आर	18.70
आवास/आवारी क्षेत्र (एकड़)	3.21	है.आर	7.93
जन विभागों के अंतर्गत क्षेत्र (एकड़)	9.07	है.आर	92.41
सामुदायिक भूमि क्षेत्र (एकड़)	10.00	है.आर	26.71
औसत प्रति व्यक्ति भूमि होलिंग (एकड़)	-	-	1.568
अपशिष्ट भूमि (एकड़)	1.15	-	2.84
पानी का स्तर (फीट)	30 फीट		

2. गांव के बुनियादी ढांचे और बुनियादी सुविधाएं

शायद अवसरचना/बुनियादी सुविधाएं/ सेवाएं	गांव में स्थित (हां/नहीं)	संख्या	दूरी (की. मी.), यदि बाहर स्थित है तो
प्राथमिक विद्यालय (सरकारी)	हां	1	-
प्राथमिक विद्यालय (निजी)	नहीं	-	-
मिडिल विद्यालय (सरकारी)	नहीं	-	5 km
मिडिल विद्यालय (निजी)	नहीं	-	07
माध्यमिक विद्यालय (सरकारी)	नहीं	-	07
माध्यमिक विद्यालय (निजी)	नहीं	-	5 km
आईटीआई/डिप्लोमा संस्थान (सरकारी)	नहीं	-	33 km
आईटीआई/डिप्लोमा संस्थान (निजी)	नहीं	-	35
महाविद्यालय (सरकारी)	नहीं	-	33
महाविद्यालय (निजी)	नहीं	-	22
बैंक / एटीएम	नहीं	-	07
प्राथमिक स्वास्थ्य केंद्र	नहीं	-	07
सिविल अस्पताल	नहीं	-	33
स्वयं सेवी संस्थाएं	हां	1	33 km
टाकघर	नहीं	-	07
गैस एजेंसियां	नहीं	-	07
प्रशिक्षण केंद्र (निर्दिष्ट करें)	नहीं	-	07
विजनी कार्यालय	नहीं	-	07
आंगनवाड़ी केंद्र	हां	1	07
गांव में पेट्रोल पंप	नहीं	-	07
किमान मेवा केंद्र	नहीं	-	20 km
कृषि मशीन	नहीं	-	07
किराया मूल्य दुकान	नहीं	-	07
दुग्ध सहकारी/संग्रह केंद्र	हां	1	07
रेलवे स्टेशन	नहीं	-	20
बस स्टॉप	हां	1	33
पशु चिकित्सा देखभाल केंद्र	नहीं	-?	02
खेल सुविधा/ क्रीडा स्थल	नहीं	-	07
सामुदायिक स्वच्छता परिसरों की संख्या	नहीं	-	07
			23



उन्नत भारत अभियान - ग्रामीण सर्वेक्षण प्रपत्र



3. ग्राम संपर्क (सड़कें)

नजदीकी राजमार्ग से गांव की दूरी/ग्राम्य जि. प. रोड (कि.मी. में)	7.5 Km
क्या पक्की सड़क से गांव जुड़ी है?	हां/ नहीं
यदि हां, तो एग्रीज रोड का अर्थ i) सड़क की लंबाई (किमी में) ii) निर्माण का वर्ष iii) योजना जिसके अंतर्गत बनवाये गये iv) वर्तमान स्थिति (पूर्ण/अपूर्ण)	1. 6 Km 2. 2007 3. PMY 4. अर्ध
आंतरिक सड़कों की लंबाई (गांव के अंदर/ बस्तियों)	क्या 0-2 (कि.मी.) पक्का 000 (कि.मी.) कुल..... (कि.मी.) 0-8
परिचहन का माध्यम क्या उपलब्ध है?	बस/ साइकिल/ जीप/ अन्य, निर्दिष्ट करें
परिचहन के उपलब्ध माध्यम की आवृत्ति	असमर/ कभी कभी/ केवल दो बार एक दिन में/ इसके अतिरिक्त

4. भूमि, वन एवं बागवानी प्रोफाइल

जंगल का प्रकार (आरक्षित/सुरक्षित/धुना)	- Open	
सामुदायिक वन (एकड़)	7.5 एकड़ 212	8.53 Acre
सरकारी वन (एकड़)	15 एकड़	37.065
मुख्य वन पेड़ और झाड़ी/पान प्रजातियाँ	गुलाब, देवदार, कड़ुआ, शिलाफलक, + खैर	
मुख्य औषधीय पौधे	-	
ऊर्जा संधारोपण (यदि हां, तो प्रजातियों और क्षेत्र बताएं) (शीर्ष 3)	प्रजातियाँ	क्षेत्रफल (एकड़)
	-	-
	-	-

5. सामान्य गांव में बिजली की जरूरतें

क्रम संख्या	समुदाय स्थान	* बिजली के उपकरण (कोटिंग के साथ संख्या लिखें)	आपूर्ति अवधि/ (घंटे में) (संख्या के साथ आवेदन कोड लिखें घंटे के साथ)
1.	पंचायत कार्यालय	1 (4), 2(2), 3(1).... (नमूना)	1 (8), 2(4), 3(5).... (नमूना)
2.	औषधालय	नहीं	-
3.	समुदायिक भवन	नहीं	-
4.	स्ट्रीट लाइट	1 (15)	1 (10)
5.	धर्मशाला	नहीं	-
6.	सामाजिक संगठन (युवा/महिला मंडलों)	6 वनत गल्ल (महिला)	-
7.	प्रशिक्षण और उत्पादन केंद्र	नहीं	-
8.	अन्य	-	-

* बिजली के उपकरणों: 1- सीएफएल/LED-बल्ब(20) ट्यूब लाइट(W), -2 Fan (70W), -3 टैजर्ट कूलर (150)W), -4 टी वी (150)W), -5 किचन 220)W), -6 म्यूजिक सिस्टम (100)W), -7 इलेक्ट्रिक मोटर पंप (750)W), -8 हीटर (1000W), -9 इलेक्ट्रिक आयरन (1000W), -10-एयर कंडीशनर

टिप्पणियाँ, यदि कोई हो:

सर्वेक्षक
P. S. Khatkar
(नाम और हस्ताक्षर)

प्रतिवादी
(नाम, पदनाम और हस्ताक्षर)

सर्वेक्षण की तारीख
9/11/2018

(प्रशांत अमरनाथ हिवरकट)
(अध्यक्ष, प. स. 46624, खानगांव)



Shiksha Mandal's
Bajaj Institute of Technology
(Approved by AICTE, and affiliated to Dr. Babasaheb Ambedkar Technical
University, Lonere)
Arvi Road, Pipri – Wardha - 442001
Post Box. No. 25, Phone / Fax (07152) 254770, 255770

Implementation of 1 KW Solar Panel through Unnat Bharat Abhiyan



शिक्षा का
अधिकार

Dr N Saravana Kumar, IAS
Joint Secretary (ICC/P)
Tel.: +91-11-23071486
Fax: +91-11-23071487
E-mail: saravana.kumar@gov.in

भारत सरकार
मानव संसाधन विकास मंत्रालय
उच्चतर शिक्षा विभाग
शास्त्री भवन
नई दिल्ली - 110 115
GOVERNMENT OF INDIA
MINISTRY OF HUMAN RESOURCE DEVELOPMENT
DEPARTMENT OF HIGHER EDUCATION
SHASTRI BHAVAN
NEW DELHI-110 115

D.O. No.5-1/2016-UBA

Dated: 20th July, 2018

Dear District Collector,

As you may be aware, UNNAT BHARAT ABHIYAAN is a flagship programme initiated by Government of India with the objective to engage reputed Higher Educational Institutions (both central and state; public and private) to understand and work in rural areas. As of now, 750 reputed institutions have been selected on a challenge mode. With the intention of enriching rural India, these selected institutions are expected to customise the available technologies or develop new technologies as per the local needs and also to improve the implementation of existing government programmes.

The details of the selected Higher Educational Institute(s) in your district, along with the selected 5 villages and also the contact details of Project Coordinator of the said institute(s) are attached herewith.

I request you to facilitate the works of the selected Institute(s) in the identified villages, through following interventions:

1. Facilitate meeting of Project Coordinator with all concerned stakeholders like Gram Panchayats, BDOs, District Development Authority etc.
2. Your guidance to the selected Institute(s), with regard to the needs of the district/ selected villages;
3. Mobilisation of funds from district administration or other sources to the Institute, if possible, in accordance with the activities under UBA.
4. Time to Time review under your leadership.

In this regard Secretary, Higher Education has also requested for facilitation vide D.O. No 5-1/2016-UBA dated 16-4-2018.

IIT, Delhi is the National Coordinating Institute for the implementation of Unnat Bharat Abhiyan. For any clarification, your office may contact IIT Delhi (unnatbharatabhiyanitd@gmail.com) / 011-26591157/26596451 or the undersigned.

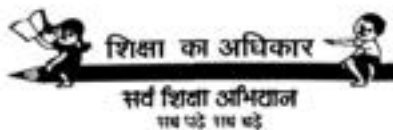
Thanking you,

Yours sincerely,

(N Saravana Kumar)

Enclosed: As above

Copy To :- Secretary, Higher Education of all States/UT's.



शिक्षा का अधिकार
सर्व शिक्षा अभियान
सब पढ़ें सब बढ़ें



COLLECTOR OFFICE, WARDHA
CIVIL LINE, WARDHA (MAH)- 442001

TEL NO : 07152- 240102
FAX NO : 07152- 240533
No. dpo/wardha/Ws-2/2018

WEB :www.wardha.nic.in
E-mail collector.wardha@maharashtra.gov.in

Dated : 27 November,2018

To,

The Joint Secretary (ICC/P)
Ministry of Human Resource Development
Department of Higher Education
Govt. of India
Shastri Bhavan,
New Delhi- 110115

Subject :- Consent of facilitation for 'Unnat Bharat Abhiyan' participation
of Bajaj Institute of Technology, Wardha.

Reference :- Your letter No. 5-1/2016-UBA dated 20th July 2018

Sir,

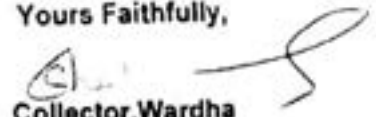
With reference to the subject cited above and the reference letter mentioned,
it is consented from our office that we will facilitate Bajaj Institute of Technology, Wardha
in their works for 'Unnat Bharat Abhiyan'.

The Institute is consented to work for the upliftment of following five villages
in the Abhiyan, viz :- (1) Takli (Chana) (2) Nimsada (3) Mamdapur (4) Sati (5) Bhaiyapur

This office assures the required help to the Institute for the successful
conduction of works under 'Unnat Bharat Abhiyan'.

With warm regards.

Yours Faithfully,


Collector, Wardha
Maharashtra.

Copy to : Principal Bajaj Institute of Technology, Wardha.



Ref No BIT/UBA/110/515/2018 13

APC to
Principal (cont) taken
Date 21/11/18
Shu

To
The District Collector
Wardha Distt
Wardha

Subject :- Participation in "Unnat Bharat Abhiyan" of Government of INDIA.

Ref :- Letter No. D.O. No. 5-1/2016- UBA, dated 20th July' 2018 from Dr. Sarvanna
Kumar, IAS,
Joint Secretary (ICC\ P), Government of INDIA.

Sir,

With reference to the subject cited above and with reference to the letter attached (as mentioned in ref), I the undersigned, on behalf of Bajaj Institute of Technology Wardha request your kind consent letter to us for participating in "Unnat Bharat Abhiyan".

Initially we selected the five villages to work in as :-

- 1) Sukali 2) Kharangna (Gode) 3) Kshirsamudra 4) Yelakeli 5) Pandharkawda


Now considering the need of villages and our faculty and students' active participation, we would like to work in following villages for customising available technologies / developing technologies for the villages upliftment .

Block Deoli :- 1) Takali(chana) 2) Nimsada 3) Mamdapur

Block Hinganghat :- 1) Sati 2) Bhaiyapur

You are requested to accord your kind consent for the same and help in facilitating the work of our institute, to make the project successful.

Thanking you in anticipation.


Dr. Narendra Kanhe
Principal
Bajaj Institute of Technology,
Wardha



**Shiksha Mandal's
Bajaj Institute of Technology, Wardha**
(Affiliated to DBATU, Lonere, Raigad, Maharashtra)

Academic Session: 2019-20

Doc. No.: BIT/FY/ Grant

Date: 25/01/2020

Report on project grant received under Unnat Bharat Abhiyan

The institute has submitted a project titled 'Installation of the solar microgrid in the school building' for the school in the adopted village Chana (Takli), District Wardha. The project was approved under the customization of technology by the Subject Expert Group (SEG) and National Steering Committee (NSE) of Unnat Bharat Abhiyan on 19/12/2019. **Unnat Bharat Abhiyan has approved Rs. 50000/- grant to implement the project under Rural Energy Systems.**

This project will ensure 24 hours electricity supply in the school and help to reduce the electricity bill of the school. Also, the project will provide off-grid energy options for the development of schools in rural areas.

Dr. Vivek Bhusari

UBA Coordinator

Dr.N.M.Kanhe

Principal
PRINCIPAL

Bajaj Institute of Technology
FIRSI, Wardha

जि.प.उच्च प्राथमिक शाळा, टाकली(ब.)
केंद्र-गिरोली, पं. स. देवली, जि. वर्धा
U-DISE No. 27080304801



To,
The Principal
Bajaj Institute of technology,
Pipri Meghe, Wardha.
sub : Testing Report of solar power system installation.
R/sir.

The above subject are informed that the installation of solar power system provided by our organization at Z.P. Upper primary school Taklichana has been completed the final work of electric meter installation and testing through the agency of "Subtropical renewable pvt. Ltd. Nagpur".

All installation work and testing of solar power system is found to be correct.

For submission of certificate on above subject to your service.

Thanking you.

Date : 09/11/2023

मुख्याध्यापक
जि. प. उच्च प्रा. शाळा, टाकली (बना)
पं. स. देवली, जि. प. वर्धा





कार्यालय ग्रामपंचायत टाकळी (च.ना) शेकापुर



पंचायत समिती, देवकी जिल्हा परिषद वर्धा

* सरपंच *

* उपसरपंच *

* सचिव *

श्री. किशोर इंगोले

श्रीमती लताचाई येळणे

श्री. संजय मोरे

जावक क्रमांक : अांपं/टाकळी (च.ना)/२०२२-२३/१९



ग्राम पंचायत सहकारिता पुरस्कार (२०२२-२३)

वर्ष २०२२-२३ करता ग्रामपंचायत कार्यालय, टाकळी (च.ना) शेकापुर चा सहकारिता पुरस्कार वजाज इंस्टीट्यूट ऑफ टेक्नॉलॉजी, पिपरी वर्धा यांना जाहीर झाला आहे.

वजाज इंस्टीट्यूट ऑफ टेक्नॉलॉजी च्या स्टाफ यांनी आमचे ग्राम टाकळी (च.ना) शेकापुर येथील जिल्हा परिषदेच्या प्राथमिक शाळेला उन्नत भारत अभियाना अंतर्गत सौर उर्जा रुफ टॉप प्रणाली वसवून दिली. जलक्रीदेवी वजाज ग्राम विकास संस्थेमार्फत बांधलेल्या प्राथमिक शाळेच्या इमारतीच्या बांधकामाची देखरेख वजाज इंस्टीट्यूट ऑफ टेक्नॉलॉजी च्या स्टाफ नी केली. उन्नत भारत अभियानाअंतर्गतच वीआयटीच्या विद्यार्थ्यांनी ग्रामस्थांना पर्यावरण संतुलन, कचरा व्यवस्थापन, स्वच्छता इ. बाबत अवगत केले, तसेच प्राथमिक शाळेतील विद्यार्थ्यांना प्रशिक्षण दिले. ह्या ग्राम उत्थान कार्यात सहकार्य केल्यामुळे हा पुरस्कार २०२२-२३ ह्या वर्षाकरता वजाज इंस्टीट्यूट ऑफ टेक्नॉलॉजी ला प्रदान करण्यात येत आहे. संस्थेच्या अधिकार्यांनी तो प्रमाने स्वीकार करवा ही विनंती. हा पुरस्कार १५ नोव्हेंबर २०२३ रोजी प्रदान करण्यात येईल. कृपया संस्थेच्या पदाधिकार्यांनी त्या दिवशी सकाळी १०-३० वाजता हजर राहावे.

(Signature)

श्री. देवकी लता,
स. देवकी, वि. वर्धा



झाडे लावा, झाडे जगवा



* शौचालय ज्याचे घरी, आरोग्य नांदेल त्याच्या घरी *

प्रत्येक घरी शौचालय बांधून गांव हाणणदारी मुक्त करू या घर टॅक्स/नळ टॅक्स वेळेवर भरून द्या व ग्रामपंचायतला सहकार्य करू या.

Memorandum of Understanding between Jankidevi Bajaj Gram Vikas Sanstha, Wardha and Bajaj Institute of Technology

Jankidevi Bajaj Gram Vikas Sanstha, Wardha, hereinafter referred to as JBGVS, is a rural development NGO. It has entered into a Memorandum of Understanding for 3 years with Zilla Parishad, Wardha for maintaining and repairing water body structures in 130 villages. It requests the support and guidance of Bajaj Institute of Technology, hereinafter referred to as BIT, in this project.

Bajaj Institute of Technology is a Technology Institution and engaging in such projects is a part of its core mandate. It is pleased to cooperate with JBGVS in this project.

JBGVS needs immediate support from BIT for two tasks:

1. Development of a tool to install and remove plates in Kolhapuri Type or KT, weirs.
2. Assessment and recommendation of repair for selected KT weirs.

The tool is required to install and remove 84 kg plates, which are 2.1 meters by 0.5 mtrs in size. There are multiple plates in each pier. The tool should be able to be dismantled and erected at site. It should not weigh more than 100 kg. BIT would provide drawings and help to suppliers selected by JBGVS to productionise the tool. The Intellectual Property Rights, if any, arising from this development would be with BIT.

Time Horizon:

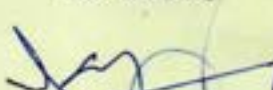
1. The tool prototype should be ready in 12 weeks of signing of this MOU.
2. The KT weir related work would happen between January-March 2021.

Compensation:

1. For development of the tool and supply of one prototype JBGVS would pay BIT Rs 1 Lac.
2. For assessment and recommendation of repair of each KT Weir JBGVS would pay Rs 10,000 per KT Weir. JBGVS would inform BIT about each KT weir where its recommendation is required. JBGVS would organize travel of BIT personnel to the sites.

Payment would be made within a week of raising of a bill by BIT.

For JBGVS


Trustee

Trustee

Jankidevi Bajaj Gram Vikas
Sanstha, WARDHA



For BIT


Principal

PRINCIPAL,

**Bajaj Institute of Technology,
PIPRI, Wardha.**



Design and Development of a Mechanism to Open and Close KT Weir (Kolhapur Type Bandhara) Gates

In India, we have rains only for 3-4 months and then it is dry weather, so water is needed during lean period. The concept of building low height dam all along the river was introduced in the Maharashtra on the downstream of bridges to store water after rainy season is over so that the storage can be used for agriculture purpose as well for drinking. The technique of constructing a special type of weir across the river bed to store the water in post – monsoon season, was first implemented in Kolhapur, Maharashtra for meeting the agricultural water demand once monsoon surpluses.

KT weir (Kolhapur Type Bandhara) as shown in figure is a structure to be constructed transverse to the flow of natural stream channel having considerable gap between two piers to allow the passage to water stream.

These gaps being sealed with needle gates to restrict the flow of water so as to store it for future use when channel is having water deficit and do not have enough water to serve the human needs. This creates a storage reservoir at the upstream side of the structure which is being majorly used for fulfilling various water demands. Particularly, it is a non overflowing weir with a concrete deck at top which can be used as a bridge for light to medium traffic.



Fig.2 –Bandhara/Barrage Structure constructed on Addan River, Distt. Yawatmal, Maharashtra (MoRTH, 2017)

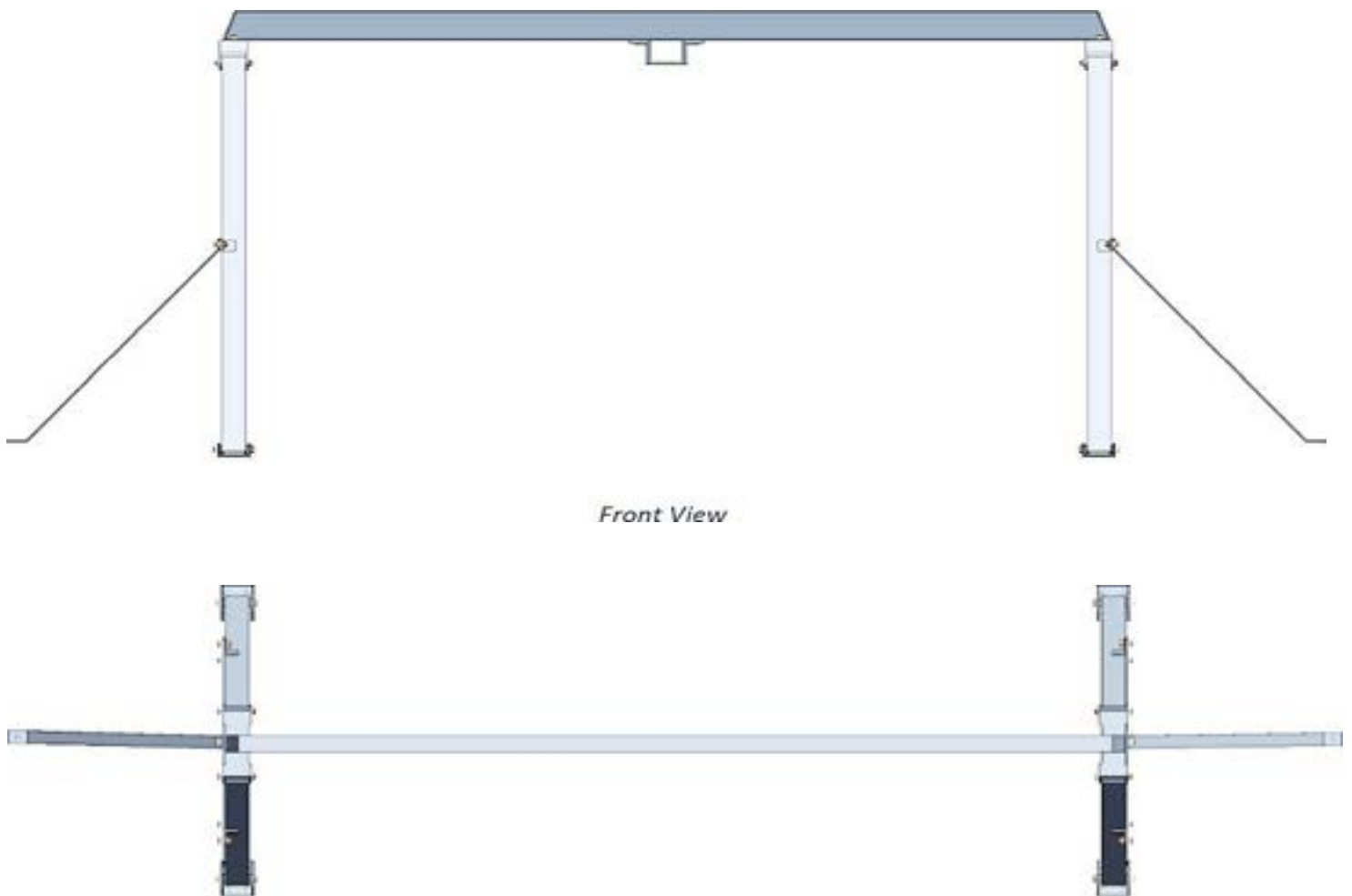
- The main advantage of KT weir is to raise the water level by stopping the water flow.
- It increases the backwaters for irrigation during lean period..
- KT weirs are also provided with gates, in the rainy season gates are opened to reduce the chances of flood
- However, at the end of the rainy season, these gates are closed to stop the flow of water and thus rises the water level.

These KT weir gates are mostly lifted using a permanent mechanism fixed with the KT weir.

As it is permanent, it gets easily corroded and jammed. For every gate it requires a separate mechanism, thus increasing the KT weir cost. The newly designed proposed mechanism is portable and mobile; therefore, a single mechanism can be used at different KT weir sites. The following are the features of the mechanism.

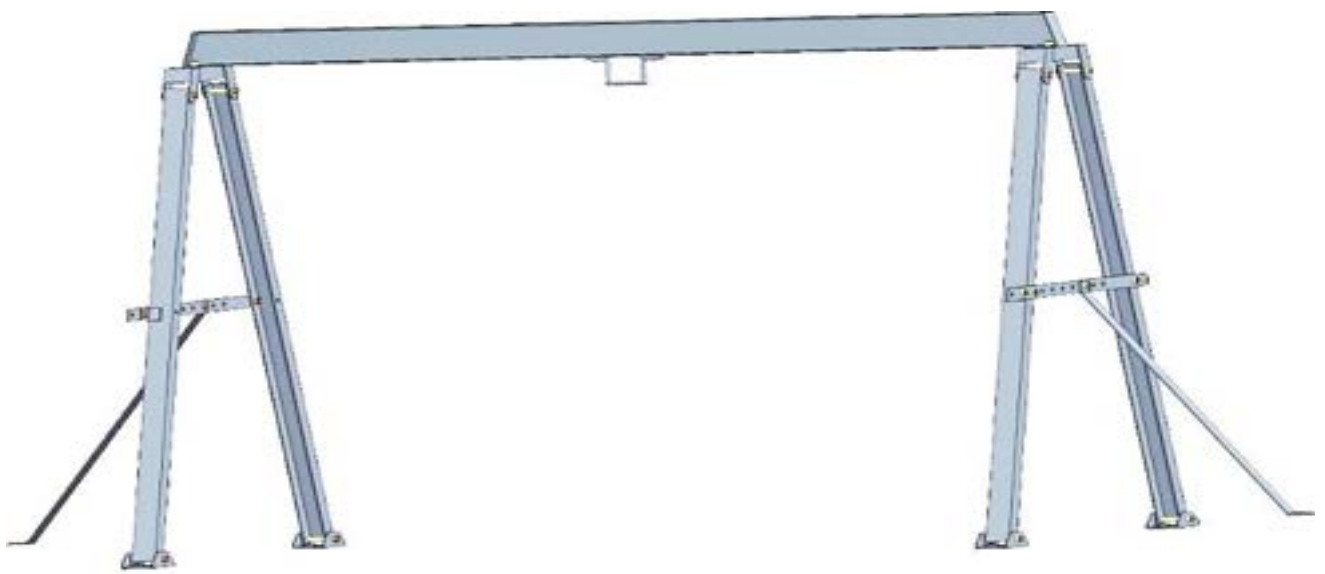
Main Features of Mechanism

- Some KT weirs are constructed with and without road, this mechanism allows us to use in both cases.
- Can be used on small and large KT weirs
- Manually operated with Minimum labour
- No jam (due to rusting), easy lifting and less efforts required
- Portable, folding, and lightweight
- Cost effective and long life





Side View



Perspective view



Figure 2 Proposed and installed mechanism

Link of Video - <https://drive.google.com/file/d/11CqKvdiiLXApMYuQacvotoIjnyefBwHr/view?usp=sharing>

Name of Inventor:

Dr. Vikas Gohil

Mechanical Engg. Dept.
Bajaj Institute of Technology

HEAD
Department of Mechanical Engineering
Bajaj Institute of Technology, WARDHA



JANKIDEVI BAJAJ GRAM VIKAS SANSTHA

Registered as Society under Societies Registration Act, 1860 and a Public Trust Under the Bombay Public Trust Act, 1950

Ref. No. JBGVS/21-22/35B

Date: 20/06/2021

Work completion certificate

Jankidevi Bajaj Gram Vikas Sanstha (JBGVS) has signed MOU with Bajaj Institute of Technology, Wardha to design and fabricate a mechanism to open and close KT weir gates on dated 1 November 2020. Department of Mechanical Engineering, Bajaj Institute of Technology, Wardha was given the responsibility to complete this work. The mechanism was designed and fabricated between 11th November 2020 to 8th Jan 2021. This device was demonstrated and used at the Moi (Bramhani) barrage constructed on Bor river.

This is to certify that the above mention work given to Bajaj Institute of Technology, Wardha is successfully completed.

Thanks!

Rajendra Kharche
(Team Leader)

Head Office : Survey No. 4272, Near Akurdi Post Office, Viveknagar, Akurdi, Pune - 411035

Tel. No. (020) 27242404/5/6, Email : pune@jbgvs.org.in, Website : www.jbgvs.org.in

Wardha Office : Opp. Gitai Mandir, Gopuri, Wardha - 442001. Tel. No. (07152) 250300. Email : jbgvswardha11@gmail.com



Shiksha Mandal's
Bajaj Institute of Technology
(Approved by AICTE, and affiliated to Dr. Babasaheb Ambedkar Technical
University, Lonere)
Arvi Road, Pipri – Wardha - 442001
Post Box. No. 25, Phone / Fax (07152) 254770, 255770

Survey Report of Nallah at Talegaon (Ta.), Wardha

Reference: With reference to the site visit, arranged on 14th march 2022, it was proposed to convert KT weir by elliptical concrete arch weir at Talegaon (Ta.), Wardha, During the visit, it was decided that, the BIT will be involved in to collect all data require for working out design.

With reference to the above, the survey of the nallah at village Talegaon (Ta.) Dist. Wardha (MH), was done on 16/05/2022 to 18/05/2022, and following survey report and observation notes were submitted

Location of site: Village Talegaon (Ta.), Wardha-Hinganghat Highway, Dist. Wardha (20.60615390183858, 78.67762331257866)

1. As per the data, The population of the village is 4600 (2011 census). But, according to locals, the population of the village is around 10500.



Alignment of Nallah

2. There is a CNB (Cement Nallah Bandhara) at the upstream side at a distance of 570 m from the existing K.T. Weir.



3. The left bank is broken near the K.T. Weir and it need to be rebuilt and elevated by at least 1.0 m. to prevent the flood water entering into nearby farms. (as shown in red oval)
4. The cross section of nallah is well defined for most of the length, almost 90% of length, the sides of nallah are vertical and both bunds are also in good conditions.



5. There are some secondary nallah along the length of primary nallah. Their locations are indicated in the following drawing. They can be easily rectified/blocked, if necessary.



6. Most of the nallah bed is rocky in nature. Even the exposed portion near K.T. Weir shows rock.

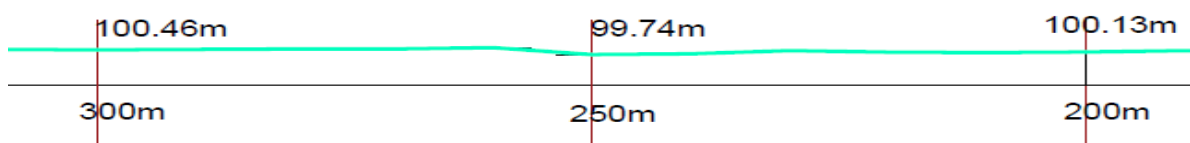
7. The overall average slope is found out to be 1:236.5 (V:H). The following figure shows the L-Section of Nallah along with the RLs at every 50 m interval. and the slope breakdown is

for 0 m to 100 m → 1:125 (Negative)



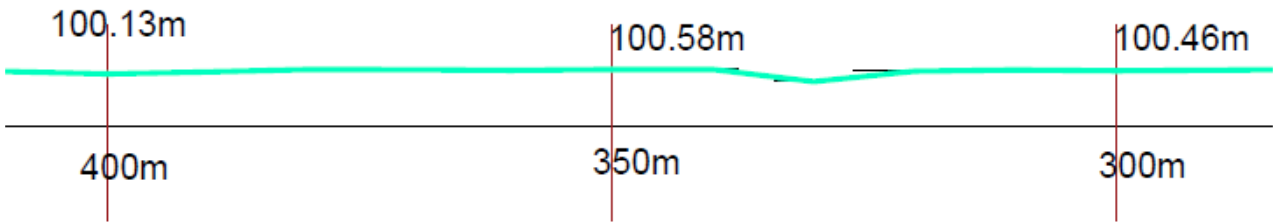
For 100 m to 200 m → 1:107 (Positive)

For 200 m to 300 m → 1:303 (almost flat)

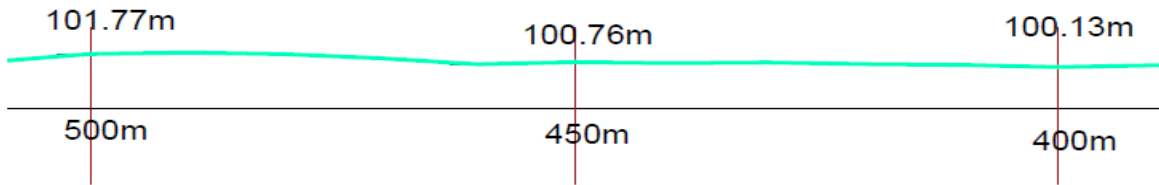


For 300 m

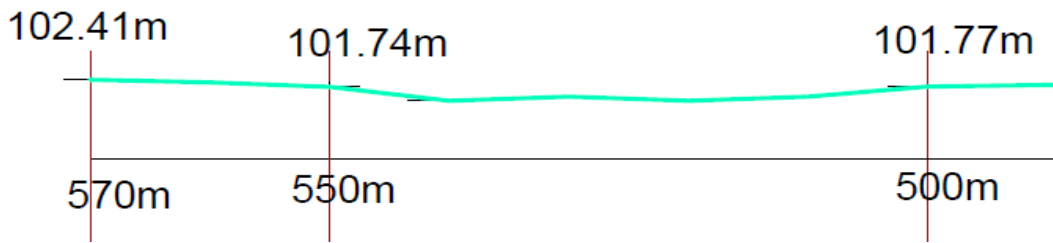
to 400 m → 1:303 (almost flat)



For 400 m to 500 m → 1: 61 (Positive)

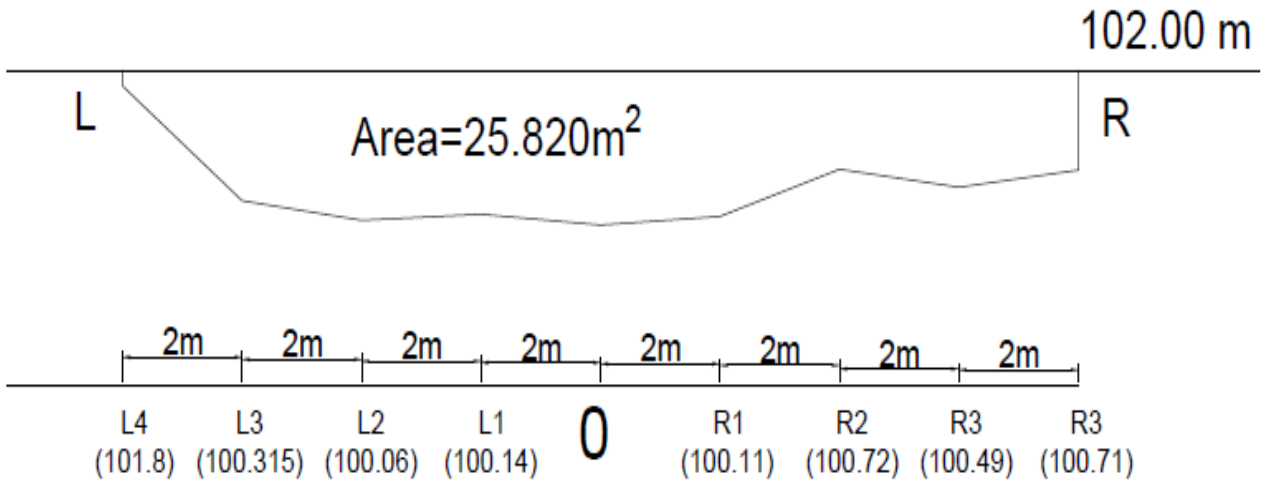


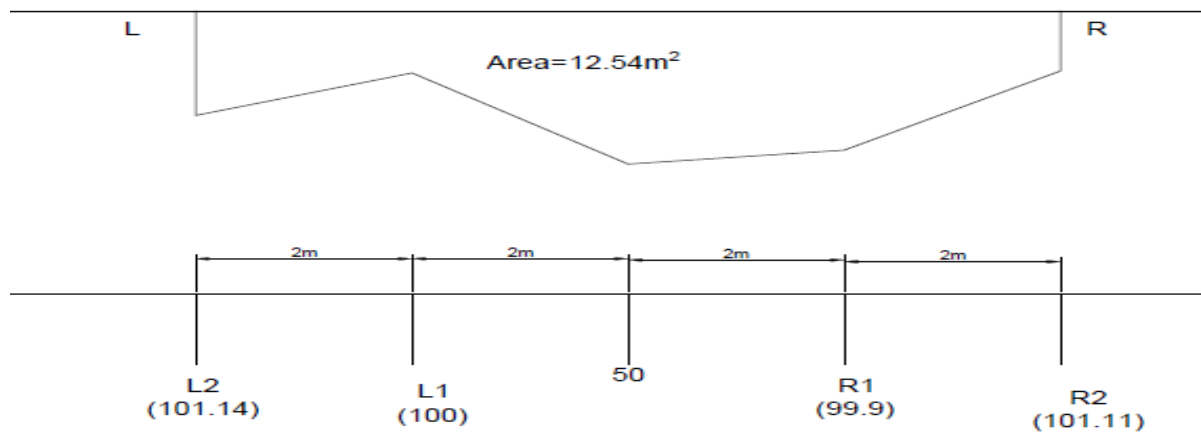
For 500 m to 570 m → 1: 156 (Positive)



From this, we can conclude that, the nallah is having the gentle slope.

The following diagram shows C/s at every 50 m interval.






From above data, we can conclude that, the maximum water storage capacity of the reservoir, by using trapezoidal equation, is as follows.

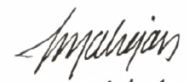
$$V = 25 \times (25.82 + 1.78 + 2(12.54 + 19.96 + 16.66 + 14.12 + 15.98 + 11.82 + 9.36 + 12.09 + 8.16))$$

$$V = 6724.5 \text{ m}^3 \text{ (Approximately)}$$

OUTPUT: The Profile levelling and cross section levelling of the nallah has performed and the Maximum Storage capacity of proposed reservoir is estimated.


A.V. Khandve

Submitted By
A.V. Khandve
(Assistant Professor)


S.M. Mahajan

HEAD
Department of Civil Engineering
Bajaj Institute of Technology, WARDH



JANKIDEVI BAJAJ GRAM VIKAS SANSTHA

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Ref. No. JBGVS/22-22/70

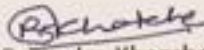
Date: 16/03/2022

Task completion certificate

Jankidevi Bajaj Gram Vikas Sanstha (JBGVS) have signed MOU with Zilla Parishad, Wardha to repair K.T.weir of Wardha District. Department of Civil Engineering, Bajaj Institute of Technology, Wardha was given the responsibility to collect all data required for convert the K.T. weir to Elliptical concrete arch weir working out design which includes K.T. weir drawing, catchment area and other works in Talegaon (Ta.).

This is to certify that the above mention task given to the Department of Civil Engineering, Bajaj Institute of Technology, Wardha is successfully completed.

Thanks!


Rajendra Kharche
(Team Leader)

Head Office : Survey No. 4272, Near Akurdi Post Office, Viveknagar, Akurdi, Pune - 411035

Tel. No. (020) 27242404/5/6, Email : pune@jbgvs.org.in, Website : www.jbgvs.org.in

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Shiksha Mandal's

Bajaj Institute of Technology

(Approved by AICTE, and affiliated to Dr. Babasaheb Ambedkar Technical University, Lonere)

Arvi Road, Pipri – Wardha - 442001

Post Box. No. 25, Phone / Fax (07152) 254770, 255770

Date:12/06/2021

DEPARTMENT OF CIVIL ENGINEERING

TITLE OF PROJECT: Design of Gravity Wall at KT Weir Nara, Wardha (MH.)

The following undersigned staff members of Department of Civil Engineering, Bajaj Institute of Technology, Wardha, Visited the site and NARA (Tah.-Karanja), Wardha on 20/04/2021 for site study and taking out soil sample for the design of Gravity Wall near KT weir. During this visit, we perform following.

1. Investigate the soil.
2. Collect the soil samples from the river bed and the river bank.
3. Perform the core cutter test on soil.
4. Inspect visually the components of weir such as existing deck slab, piers, abutments, key wall.
5. Inspect key wall in view of the design of the proposed key wall.
6. Take measurements of few components like height of piers etc.

Also, the adjoining farms are visited to check the benefit or adverse effect on it due to the proposed construction of key wall.

Observation: The river water seems to have outflanked or made way through its bank due to the obstruction caused due to KT weir.

The design of Gravity wall is based on the observation and the geotechnical properties of soil sample, which was collected from the site and required parameter were investigated by conducting various test in the Geotechnical Laboratory at Bajaj Institute of Technology Wardha.

- **Wall type:** Gravity wall
- **Suggested material of construction:** Plum concrete (1:2:4) with 20% higher size boulder (Max. size of boulder is 300 mm)
- **Height of wall from the ground:** 3.0 m.
- **Overall height of wall:** 5.0 m

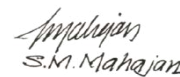
For the further action, the detailed report of the design is attached along with this letter.


A. V. Khandve

Prof. A.V. Khandve
(Assistant Professor)



Prof. A. G. Dabli
(Associate Professor)


S.M. Mahajan

Dr. S. M. Mahajan
(Professor and Head)

Report on KT weir (Bandhara) at NARA, KARANJA (GHADGE)

A site visit was arranged on Tuesday, 20th April 2021 with Dr. Sanjay Mahajan, Prof. Ashutosh Dabli, Prof. Amit Khandve and Lab Assistant Mr. Thakare to –

7. Investigate the soil,
8. Collect the soil samples from the river bed and the river bank,
9. Perform the core cutter test on soil,
10. Inspect visually the components of weir such as existing deck slab, piers, abutments, key wall,
11. Inspect key wall in view of the design of the proposed key wall,
12. Take measurements of few components like height of piers etc

Also, the adjoining farms are visited to check the benefit or adverse effect on it due to the proposed construction of key wall.

Observation : The river water seems to have outflanked or made way through its bank due to the obstruction caused due to KT weir.

My opinion –

1. The study of hydraulic data has to be done to check the maximum height of water column during the worst flood along with the soil investigation
2. Need to extend the stone masonry key wall which appeared to be demolished or got demolished.
 - a) **Solution I** : Construction of UCR masonry may appear to be cheaper and faster solution. But the availability of stone and skilled labors would be the problem anticipated.
 - b) **Solution II** : It is proposed to **design and construct** a key wall of plum concrete allowing 15% rubble stones in mass concrete (so that the contractor will restrict it up to 30%) with counterforts if required and stone pitching on either sides. The length of the wall going at least 3 meters beyond the bank into the adjoining farm.

Solution II is highly recommended even though expensive to meet the credibility and reputation of Bajaj Foundation.





JANKIDEVI BAJAJ GRAM VIKAS SANSTHA

Registered as Society under Societies Registration Act 1860 and a Public Trust Under the Bombay Public Trust Act, 1950

Ref. No. JBGVS/21-22/25

Date: 18/04/2021

Task completion certificate

Jankidevi Bajaj Gram Vikas Sanstha (JBGVS) have signed MOU with Zilla Parishad, Wardha to repair K.T.weir of Wardha District. Department of Civil Engineering, Bajaj Institute of Technology, Wardha was given the responsibility to designed Gravity retaining wall at K.T. weir, Nara (Tq. Karanja)

This is to certify that the above mention task given to the Department of Civil Engineering, Bajaj Institute of Technology, Wardha is successfully completed.

Thanks!

Rajendra Kharche
(Team Leader)

Head Office : Survey No. 4272, Near Akurdi Post Office, Viveknagar, Akurdi, Pune - 411035

Tel. No. (020) 27242404/5/6, Email : pune@jbgvs.org.in, Website : www.jbgvs.org.in

Wardha Office : Opp. Gitai Mandir, Gopuri, Wardha - 442001. Tel. No. (07152) 250300. Email : jbgvswardha11@gmail.com



Shiksha Mandal's

Bajaj Institute of Technology, Wardha, Maharashtra, India

बजाज प्रौद्योगिकी संस्थान, वर्धा, महाराष्ट्र, भारत

Approved by All India Council for Technical Education (AICTE) India and Director of Technical Education (DTE), Maharashtra

Affiliated to Dr. Babasaheb Ambedkar Technological University (DBATU), Lonere, Raigad, Maharashtra

STRUCTURAL DESIGN REPORT

“FOOTBRIDGE: GIROLI DHAGE VILLAGE”

Wardha

APRIL, 2023

Department of Civil Engineering, Bajaj Institute of Technology, Wardha was entrusted the structural design of the footbridge at Giroli Dhage, Wardha; by Jamnalal Bajaj Trust under their village development activity. This report presents the survey and design work carried out by Department of Civil Engineering,

Prepared by:

DEPARTMENT OF CIVIL
ENGINEERING

BAJAJ INSTITUTE OF
TECHNOLOGY

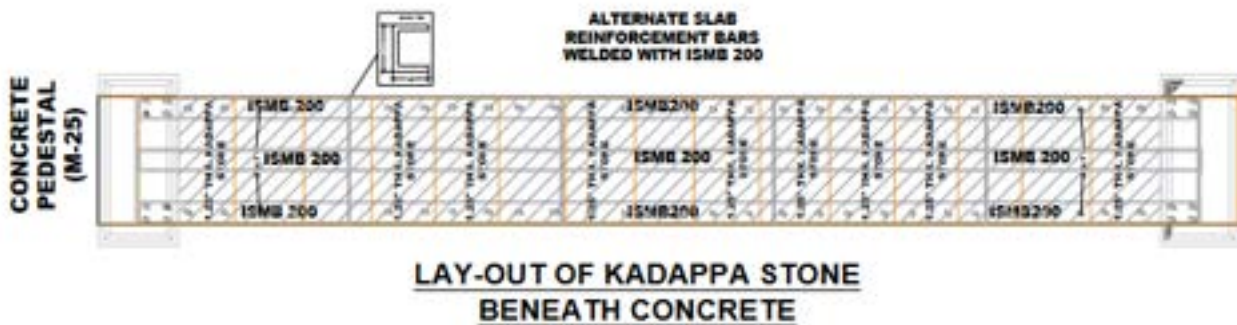
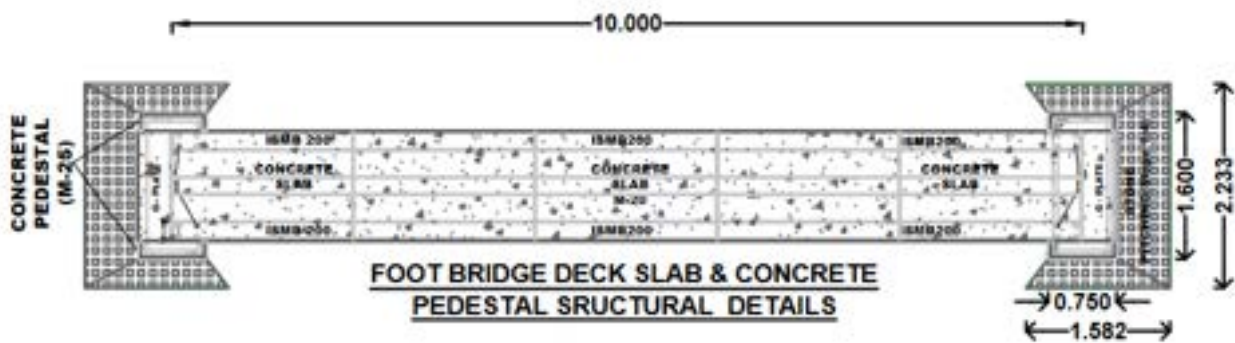
WARDHA

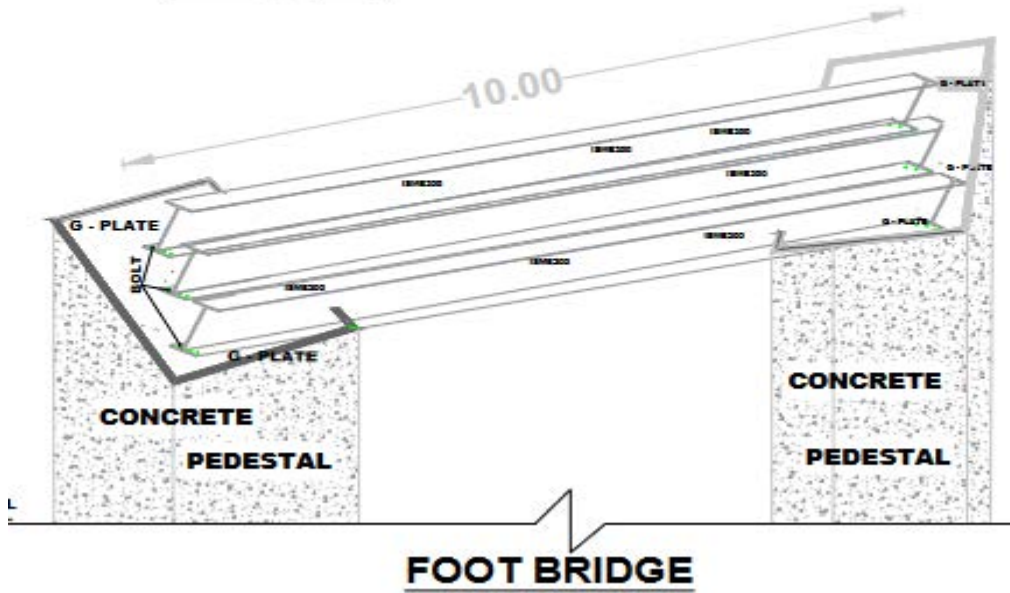
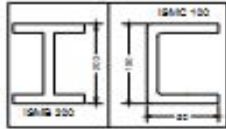
GENERAL INFORMATION AND OBSERVATIONS:

- 1. Name of Structure : **Foot bridge**
- 2. Address : **Giroli Dhage Village, Wardha district, Maharashtra.**
- 3. Date of visit : **1st April 2023**
- 4. Age of Structure : **Proposed**
- 5. Mode of use : **Pedestrian**
- 6. Level of Submersible : **Moderate**
- 7. Flood history : **Nil**
- 8. Date drawing submission : **5/04/23**

Department of Civil Engineering, Bajaj Institute of Technology, Wardha was entrusted the structural design of the footbridge to cross a brook at Giroli Dhage Village, Wardha district, Maharashtra. The proposed span of bridge was 10m and width is 1.2m. The vehicles considered on bridge was foot walkers and bicycles.

Following are the structural drawing and detailing for the footbridge.





Dr. V.M. Thakur
Faculty In-charge

Dr. S. M. Mahajan
HOD-Civil Engineering
HEAD
Department of Civil Engineering
Bajaj Institute of Technology, WARDHA

Dr. N.M. Kanhe
Principal
PRINCIPAL
Bajaj Institute of Technology
PIBIL, Wardha



JAMNALAL BAJAJ SEWA TRUST (JBST)

(Regd. Office : BACCHARAJ ROAD, WARDHA, MAHARASHTRA)

JBST/2023-24/14

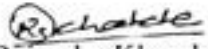
Date: 10/06/2023

Task Completion Certificate

Giroli Dhage put the proposal for the foot bridge over the nalla, in Jamnalal Bajaj Sewa Trust. JBST organized the committee to observation and making plan for Foot Bridge with the help of Bajaj institute of Technology. The plan is ready to make bridge. It will be executed coming days.

This is to certify that the above mentioned task given to the Department of civil Engineering, Bajaj Institute of Technology, Wardha is successfully completed.

Thanks!


Rajendra Kharche
(Team Leader)
Team Leader
Jamnalal Bajaj Sewa Trust
WARDHA



Shiksha Mandal's

Bajaj Institute of Technology, Wardha, Maharashtra, India

बजाज प्रौद्योगिकी संस्थान, वर्धा, महाराष्ट्र, भारत

Approved by All India Council for Technical Education (AICTE) India and Director of Technical Education (DTE), Maharashtra

Affiliated to Dr. Babasaheb Ambedkar Technological University (DBATU), Lonere, Raigad, Maharashtra

**STRUCTURAL
SUPERVISION
REPORT**

"SALDARA ZP SCHOOL"

Wardha

MAY, 2022

Janki Devi Bajaj Gram Vikas Sanstha (JBGVS) has signed MOU with Zilla Parishad, Wardha to improve the quality of Saldara Zilla Parishad School in wardha district. Under it JBGVS is making major repair work to these schools. Contractors have been assigned but JBGVS lack manpower and expertise to supervise these works. Department of Civil Engineering, Bajaj Institute of Technology, Wardha was entrusted the structural supervision of above-mentioned work.

Prepared by:

**DEPARTMENT OF CIVIL
ENGINEERING**

**BAJAJ INSTITUTE OF
TECHNOLOGY WARDHA**

Department of Civil Engineering, Bajaj Institute of Technology, Wardha was entrusted supervision of repair work of “Saldara Zilla Parishad School” at Wardha district, Maharashtra. Site visits once in a week were conducted to assess the school structure. The structure and repair work going on were assessed based on the visual inspection. Visual examination of structure is the most effective and qualitative approach to evaluate the structural soundness and to identify the typical distress symptoms together with the associated problems. Based on our experience in condition assessment, structural audit and rehabilitation engineering, the symptoms of distress allow a reasonably sufficient understanding of the cause of distress as these are related with the age of the structure.

GENERAL INFORMATION AND OBSERVATIONS :


1. Name of Structure : **Zilla parishad schools of Saldara**
2. Address : **Saldara Zilla Parishad School” Wardha district, Maharashtra**
3. Date of Inspection : Once in a week from 1st March to 30th April 2022
4. Age of Structure : Around 25 years
5. Mode of use : School from 1st to 10th standard
6. Level of Submersible : Moderate
7. Flood history : Nil

- 8 Observations : **Load bearing structure with bearing walls in poor state**

SUMMARY:

1. A wall which was in very poor state was suggested to replace with new 9 inch thickwall.
2. Old plaster was suggested to be screed out and fresh double layer of plaster was suggested.
3. Other small repairing work like plumbing system, bathroom shed and partition walls were carried out satisfactorily by the contractor.




 Dr. V.M. Thakur
 Faculty In-charge


 Dr. S. M. Mahajan
 HOD-Civil Engineering
 HEAD
 Department of Civil Engineering
 Bajaj Institute of Technology, WARDHA


 Dr.N.M.Kanhe
 Principal
 PRINCIPAL
 Bajaj Institute of Technology
 PIPRI, Wardha



JANKIDEVI BAJAJ GRAM VIKAS SANSTHA

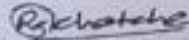
Registered as Society under Societies Registration Act, 1860 and a Public Trust Under the Bombay Public Trust Act, 1950

JBGVS/2022-23/53

date 31/03/23

Task Completion Certificate

Jankidevi Bajaj Gram Vikas Sanstha (JBGVS) have signed MOU with Zilla Parishad, Wardha to improve the quality of Saldara Zilla Parishad School in wardha district. Under it JBGVS is making repair work to these schools. Department of Civil Engineering, Bajaj Institute of Technology, Wardha was given the responsibility of the structural supervision of Saldara Zilla Parishad School. This is to certify that the above mentioned task given to the Department of Civil Engineering, Bajaj Institute of Technology, Wardha is successfully completed. Thanks!



Rajendra Kharche

(Team Leader)

Team Leader

*Jankidevi Bajaj Gram Vikas
Sanstha, WARDHA*

Head Office : Survey No. 4272, Near Akurdi Post Office, Viveknagar, Akurdi, Pune - 411035

Tel. No. (020) 27242404/5/6, Email : pune@jbgvs.org.in, Website : www.jbgvs.org.in

Wardha Office : Opp. Gitai Mandir, Gopuri, Wardha - 442001 Tel. No. (07152) 250300 Email : jbgvswardha11@gmail.com

STRUCTURALSUPERVISIONREPORT

“KACHNUR ZP SCHOOL”

Wardha

**In Collaboration with
Jankidevi Bajaj Gram Vikas Sanstha, Wardha**

Prepared by:

DEPARTMENT OF CIVILENGINEERING

BAJAJ INSTITUTE OFTECHNOLOGY WARDHA

Department of Civil Engineering, Bajaj Institute of Technology, Wardha was entrusted supervision of repair work of “Kachnur Zilla Parishad School” at Wardha district, Maharashtra. Site visits once in a week were conducted to assess the school structure. The structure and repair work going on were assessed based on the visual inspection. Visual examination of structure is the most effective and qualitative approach to evaluate the structural soundness and to identify the typical distress symptoms together with the associated problems. Based on our experience in condition assessment, structural audit and rehabilitation engineering, the symptoms of distress allow a reasonably sufficient understanding of the cause of distress as these are related with the age of the structure.

GENERAL INFORMATION AND OBSERVATIONS :

1. Name of Structure : **Zilla Parishad schools of Kachnur**
2. Address : **Kachnur Zilla Parishad School” Wardha district, Maharashtra**
3. Date of Inspection : Once in a week from 1st March to 30th April 2022
4. Age of Structure : Around 15 years
5. Mode of use : School from 1st to 10th standard
6. Level of Submersible : Moderate
7. Flood history : Nil
8. Observations : Water seepage from hall slab

SUMMARY:

1. A concrete layer of 50mm thick with murga zali was suggested and implemented to make the slab water proof.
2. Slope on shorter span of slab was provided to drain off the water quickly.
3. Other small repairing work like kitchen otta, bathroom tiles and bathroom shed, floor slope to drain off rain water were carried out satisfactorily by the contractor.




Dr. V.M. Thakur
Faculty In-charge


Dr. S. M. Mahajan
HOD-Civil Engineering
HEAD
Department of Civil Engineering
Bajaj Institute of Technology, WARDHA


Dr. N.M. Kanhe
Principal
PRINCIPAL
Bajaj Institute of Technology
BIPRL, Wardha



JANKIDEVI BAJAJ GRAM VIKAS SANSTHA

Registered as Society under Societies Registration Act, 1860 and a Public Trust Under the Bombay Public Trust Act, 1950

JBGVS/2022-23/54 Task Completion Certificate

Date: 31/03/23

Jankidevi Bajaj Gram Vikas Sanstha (JBGVS) have signed MOU with Zilla Parishad, Wardha to improve the quality of Kachnur Zilla Parishad School in wardha district. Under it JBGVS is making repair work to these schools. Department of Civil Engineering, Bajaj Institute of Technology, Wardha was given the responsibility of the structural supervision of Kachnur Zilla Parishad School.

This is to certify that the above mentioned task given to the Department of Civil Engineering, Bajaj Institute of Technology, Wardha is successfully completed.

Thanks!

Rajendra Kharche

(Team Leader)

Team Leader

Jankidevi Bajaj Gram Vikas

Wardha, 442001

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Shiksha Mandal's

Bajaj Institute of Technology

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Web Site: www.bitwardha.ac.in, Email : bit@bit.shikshamandal.org



Information Dissemination –Through WhatsApp Group

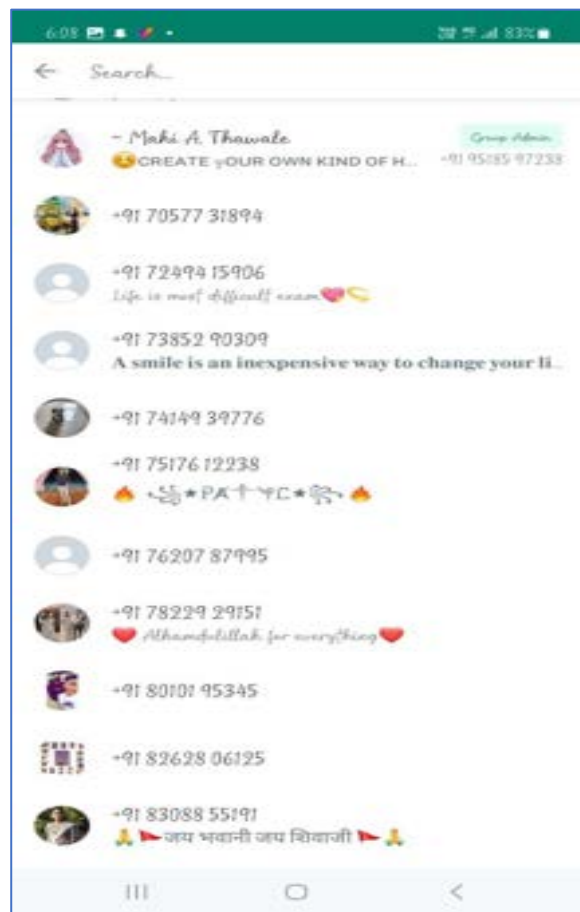
Title: Report on Information Dissemination to Rural Youth through WhatsApp Group: A Bajaj Institute of Technology Initiative in Pipri, Pandharkawda

In a bid to empower and inform the youth in Pipri, Pandharkawda, Bajaj Institute of Technology, Wardha, initiated a progressive program involving the creation of a WhatsApp group. Launched with the primary aim of disseminating valuable information to the rural youth, this report highlights the establishment, operation, and impact of this innovative communication platform.

The primary objective of forming the WhatsApp group is to provide rural youth with easy access to relevant information, including educational opportunities, employment updates, and skill development programs. Also, to promote digital literacy by utilizing widely-used platforms like WhatsApp for information dissemination.

The WhatsApp group was formed in collaboration with local community leaders, educators, and representatives from Bajaj Institute of Technology. In which, all information shared on the group is curated and moderated to ensure accuracy and relevance. The WhatsApp group serves as a comprehensive source of information, covering various categories beneficial to the rural youth: like updates on scholarships, entrance exams, and educational opportunities, employment, vocational training programs, updates on relevant government schemes and initiatives.

The outreach strategy involves collaboration with local community leaders, schools, and youth organizations to ensure maximum participation. The Information Dissemination through WhatsApp Group initiative by Bajaj Institute of Technology in Pipri, Pandharkawda, stands as a testament to the institute's commitment to community development. By leveraging digital platforms, the program effectively bridges the information gap for rural youth, empowering them with opportunities for education, employment, and skill enhancement. As the initiative continues to evolve, it is expected to play a pivotal role in the holistic development of the rural youth in the region.





Shiksha Mandal's

BAJAJ INSTITUTE OF TECHNOLOGY, PIPRI, WARDHA

Community Activities

- Avoid Plastic Use Awareness Drive.
- Dham River Cleaning Drive.
- Preserve Planet Earth Programme.
- Structural Audit of Motha Maruti Devasthanam at Seloo, Wardha.
- Health and Hygiene Drive at Daulatsingh Vidyalaya, Pipri, Wardha



Shiksha Mandal's

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Avoid Use of plastic Awareness Drive

The National Service Scheme (NSS) unit of the institute organized the event of Jute bag distribution on 5th June 2022 at different locations in Wardha City like Arvi Naka, Aarati Talkies, Gol Bazar on the Occasion of “World Environment Day”.

The event begun with the welcome speech by the Principal, Dr. Narendra M. Kanhe. He addressed the volunteers and staff about the importance of Use of Non - Plastic bag in day-to-day life. He also advised the volunteers to think differently for the society, to make positive changes for protection of environment. He also mentioned that we should take utmost care to reduce pollution.

Later, NSS Volunteers distributed jute bags to the public for reducing the use of plastic. Teaching and Non- Teaching staff also distributed bags with students. Total 500 hundred bags were distributed by NSS volunteers and staff on the day.

Prof. Vikas Ravekar, NSS Programme officer coordinated the event. NSS Volunteers and teaching and No – Teaching staff attended the event.

Photographs of the event:



PROGRAMME OFFICER
National Service Scheme (NSS)
Bajaj Institute of Technology,
WARDHA



Shiksha Mandal's
Bajaj Institute of Technology
(Approved by AICTE, and affiliated to Dr. Babasaheb Ambedkar Technical
University, Lonere)



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Dham River Cleaning Drive

The River Cleaning Drive was conducted on the occasion of World Environment Day by the National Service Scheme (NSS) unit and Energy and Environment Cell of Bajaj Institute of Technology (BIT), Wardha. The event was held on **5th June 2023**, from 7:30 AM to 10:00 AM, and active participation was seen from students, faculty members, and the respected Principal of the institute Dr. N. M. Kanhe.

The primary objective of the River Cleaning Drive was to raise awareness about environmental conservation with a specific focus on the importance of preserving our rivers, thereby promoting a sustainable environment. The event was initiated with a briefing session conducted by Principal sir. Insights were provided regarding the significance of World Environment Day, the importance of river conservation, and the specific tasks that were to be carried out during the drive.

A total of 45 enthusiastic volunteers and students from various departments of BIT actively took part in the drive. Their dedication and commitment to environmental preservation were commendable. Additionally, esteemed faculty members and the Principal of BIT actively supported and guided the participants throughout the event.

The participants were equipped with necessary cleaning tools such as gloves, bags, nets. They worked together in teams, targeting different sections along the riverbank. The focus was on collecting and properly disposing of waste materials, including plastic waste, bottles, wrappers, and other non-biodegradable items.



GPS Map Camera
Pavnar, Maharashtra, India
Dham River, QMP8+3PC, Pavnar, Maharashtra 442104, India
Lat 20.785132°
Long 78.666846°
05/06/23 09:20 AM GMT +05:30



GPS Map Camera
Pavnar, Maharashtra, India
Dham River, QMM7+X93, Pavnar, Maharashtra 442111, India
Lat 20.785785°
Long 78.663924°
05/06/23 08:55 AM GMT +05:30

PROGRAMME OFFICER
National Service Scheme (NSS)
Rajaj Institute of Technology,
WARDHA



Shiksha Mandal's

Bajaj Institute of Technology

(Approved by AICTE, and affiliated to Dr. Babasaheb Ambedkar Technical University, Lonere)

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Post Box. No. 25, Phone / Fax (07152) 254770, 255770

Preserve Planet Earth Programme

On **April 22nd, 2022**, Rotaract Club of Bajaj Institute of Technology conducted event as part of its "Preserve Planet Earth Programme" at ShriKrishnadas Jajoo Gramin Seva Mahavidyalaya featuring an expert lecture by, Dr. Narendra Kanhe, Principal Bajaj Institute of Technology, Wardha. The event aimed to raise awareness about environmental conservation and sustainable practices, aligning with the global efforts to address climate change and protect the planet.

This was a thought-provoking lecture on the current state of the environment, emphasizing the urgent need for collective action to address pressing environmental challenges. His presentation covered a wide range of topics, including climate change, deforestation, pollution, and the importance of biodiversity conservation. Dr. Kanhe provided a comprehensive overview of climate change, explaining its causes and highlighting the adverse effects it has on ecosystems, weather patterns, and global temperatures. He stressed the importance of mitigating greenhouse gas emissions to curb climate change. He also delved into sustainable practices that individuals, communities, and industries can adopt to minimize their environmental footprint. He discussed the significance of renewable energy, waste reduction, and responsible consumption in building a sustainable future. Around 55 students, and staff of Shri Krishnadas Jajoo Gramin Seva Mahavidyalaya attended the program. Rotaractors of Bajaj Institute of Technology administered the oath to the participants for contemplating the steps to "Preserve Plant earth" on this occasion.




Dr.N.M.Kanhe
Principal
PRINCIPAL
Bajaj Institute of Technology
PIPRI, Wardha

STRUCTURAL AUDIT REPORT

“Motha Maruthi Devasthanam” Kanhapur, Seloo, Wardha Maharashtra.

Date: 05-10-2022

Event: Motha Maruthi Devasthanam
Dates: 28th September 2022
Venue: Khanapur Village, Seloo
Department: Civil Engineering

Introduction

Department of Civil Engineering, Bajaj Institute of Technology, Wardha, was entrusted with the structural audit of “Motha Maruthi Devasthanam” Kanhapur, Seloo, Wardha, Maharashtra and also to prepare the report for the same. The visit was conducted to assess the structure. First, the structure was assessed based on the visual inspection and the results of the Non-Destructive Test (Rebound Hammer and Ultrasonic Pulse Velocity) carried out on 28th September 2022. A structural Audit is an essential tool for assessing the structural health of buildings. The Audit investigates and highlights all the risk areas and critical areas and decides the need for any immediate attention/action.

The purpose of Structural Audit is:

1. To save Lives & Property.
2. To know the building structure's health and estimate the residual life.
3. To assess the extent of distress that occurred due to concrete deterioration, corrosion of steel and any other reason and hence the residual strength of the structure and its fitness for rehabilitation.
4. Highlight the critical areas that need to be attended to with immediate effect.
5. To advise the concerned authority about the seriousness of the problems and the urgency required to attend to the same, if any...
6. Selecting and planning the effective remedy.

For the same work the following students were assigned

1. Ketan Dangri- 1946491191027 – VII Sem
2. Prem Waghmare- 1946491191051 –VII Sem



Dr. V.M. Thakur
Faculty In-charge

Dr. Prathik Kulkarni
Structural Auditor-1



मोठा मारोती देवस्थान कान्हापुर ता.सेलु, जि.वर्धा

र.नं. A२३ वर्धा

भ्रमध्वनी क्रमांक : ९४२२१४४६८४



दिनांक ०१/०६/२०२३

अध्यक्ष

श्री भुजंगराव पेटकर

सचिव

श्री रामकृष्णा पेटकर

कोषाध्यक्ष

श्री तुकाराम नुते

सदस्य

श्री. नरहरी सातपुते

श्री. देवानंद पेळणे

श्री. डॉ. ववन सात्येकर

श्री. डॉ. अमोल घाटगे

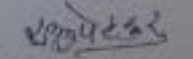
Completion Certificate

A task of structural audit of Motha Maroti devasthan, kanhapur, Seloo, Wardha was given to the Department of Civil Engineering, Bajaj Institute of Technology, Wardha. We are satisfied with their prompt services.

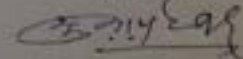
This is to certify that the structural audit of Motha Maroti devasthan was done successfully and received the report. We extend our gratitude towards department of Civil Engineering, of Technology, Wardha.

Thanks once again!

सचिव


श्री रामकृष्णाजी पेटकर

अध्यक्ष


श्री. भुजंगराव पेटकर



Shiksha Mandal's

Bajaj Institute of Technology

(Approved by AICTE, and affiliated to Dr. Babasaheb Ambedkar Technical University, Lonere)

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Report on Health and Hygiene Drive

The Rotaract Club of Bajaj Institute of Technology organized a comprehensive "Health and Hygiene" campaign for the students of Daulatsingh Vidyalaya in Wardha on **29th June, 2023**. The primary aim of the initiative was to promote awareness about health and hygiene practices among school children, fostering a sense of well-being and instilling lifelong habits for a healthier future.

The campaign unfolded at the Daulatsingh Vidyalaya premises, with active participation from Rotaract Club members and enthusiastic students. The Rotaract Club organized interactive workshops covering topics such as handwashing, Nail Cutting, Hair Cut and the importance of a balanced diet. Practical demonstrations on proper handwashing techniques and nail-cutting care were carried out to make the learning experience more tangible for the students. The hands-on approach allowed the children to actively participate and practice the habits being taught.

This gesture aimed to empower the students with the tools and knowledge necessary to maintain personal hygiene practices. The Rotaract Club of Bajaj Institute of Technology's "Health and Hygiene" campaign at Daulatsingh Z.P. School was a commendable initiative, successfully contributing to the well-being of the students. By combining education with practical demonstrations and interactive activities, the campaign not only imparted crucial knowledge but also inspired positive behavioral changes.




Dr.N.M.Kanhe
Principal
PRINCIPAL
Bajaj Institute of Technology
PIPRI, Wardha



Shiksha Mandal's

BAJAJ INSTITUTE OF TECHNOLOGY, PIPRI, WARDHA

Disaster Management (During Covid-19)

- Wardha Collectorate Covid -19 War Room.
- Supervision of Oxygen Tank at civil Hospital, Wardha.
- Masks and Sanitizers Distribution.
- Vaccination Drive.



**Department of Computer Engineering
Activity Report**

Shiksha Mandal's BIT, Wardha	Extension Activity with Government	Page	1 of 1
		Prepared on	30/06/2021
Title	Project for "Wardha Collectorate -Covid 19 War Room"		
Date :	16/05/2021 to 20/06/2021	Duration	1 month
Faculty In-charge:	Prof. Sheetal Kale		

With the increase in covid cases in the district and limited resource availability for treatment, utilization of the resources appropriately was of paramount importance. Keeping this as the focus Wardha collectorate decided to setup a fully functional "Covid-19 war room".

Experts from all the areas were invited to contribute for the project. Chairman - Shiksha Mandal and Principal BIT, had deployed the undersigned for this project, as an IT expert to develop the technical solution for the same. Mr. Amol Junde and Mrs. Urvashi Pote, Assistant professor in Computer Engineering Department, BIT, supported in this activity.

The objective of this project was:

- To protect the healthcare system of the district from meltdown due to overload of incoming demand due to Covid-19 outbreak.

For this the primary strategies applied were:

- Load balancing of human patient inflow into the overall healthcare capacity with usage of Integrated triage, Bed allocation and Patient shifting to ensure that only critical and worthy patients are allocated the scarce resources.
- Real time update and monitoring of the resources like beds, oxygen cylinder etc available.
- Achieve Ward level decentralization for better local control
- Incremental deployment against a big bang approach

The Primary challenge faced was lack of integrated systems for real-time information to manage patient inflow against the total capacity of the healthcare system at panchayat/district level.

An integrated network with these 5 critical subsystems that were necessary for a district collector to create a fully functional war room was engineered. All these subsystems were critical to provide the most vital data for district administration for strategic and tactical decision-making during pandemic.

Document No	Prepared on	Revised on	Prepared By	Approved By
BITACAD/Comp/Ext. Activity/21-22	16/04/21	/ /21	MDP	Dr. N.M. Kanhe Principal



Shiksha Mandal's
Bajaj Institute of Technology, Wardha
(Affiliated to DBATU, Lonere, Raigad, Maharashtra)

1. **A Healthcare Network** that connects all physical assets of the healthcare system to the human-assets in the system
2. **A Telemedicine Network** for tele-triaging and keeping track of calls and patient records and giving confidence to the public to stay at home unless their condition worsens.
3. **First Line Treatment Center Network** at large wards for patients with mild symptoms to visit for treatment and stay for observation.
4. **Public Data Dashboards** for creating public trust by sharing data on case-loads, patients treated and shifted thereby increasing confidence of people.
5. **A Knowledge Network** hosted by WHO experts who helped create the decentralized strategy to educate all healthcare workers and volunteers on this emergency Covid19 medical response action plan.

A Covid war Room had all these subsystems with digital visual data dashboards monitored by the operating field staff who was well trained to operate the individual sub systems.

Insights from this project:

1. Everyone worked towards a common Goal oriented with clear strategy
2. Single leader appointment with clear chain of command and Specialist members
3. Directly connected to field hospitals for near real time data
4. Rapid decentralization for better control and quick updates.
5. Focus on fast execution
6. Full data transparency with the public

The final solution developed was found very useful during pandemic and will be a good resource for all the district administration for such critical situations.


Prepared By

(Faculty In-charge)
Professor and Head of the department
Computer Engineering Department, BIT

HEAD

Department of Computer Engineering
Bajaj Institute of Technology, WARDHA

Submitted to Principal office for information

Document No	Prepared on	Revised on	Prepared By	Approved By
BITACAD/Comp/Ext. Activity/21-22	16/04/21	/ / 21	MDP	Dr. N.M. Kanhe Principal



जिल्हाधिकारी कार्यालय, वर्धा
(जिल्हा आपत्ती व्यवस्थापन प्राधिकरण)
महात्मा गांधी पुस्तकालय जवळ, सिव्हील लाईन, वर्धा

Covid-19
Urgent

दूरध्वनी क्रमांक (07152) 243446 /240872
फॅक्स क्रमांक (07152) 240533

वेबसाईट - www.wardha.nic.in
ई-मेल - wardhardc@gmail.com

क्र. जिआव्यअ/कोरोना विधान/कवि- 1164/२०२१

दिनांक - 18 मे, २०२१.

प्रति,

अध्यक्ष,
शिक्षा मंडळ,
BIT, वर्धा.

विषय - प्रो.श्रीमती शितल काळे, (बजाज इन्सीट्यूट ऑफ टेक्नॉलॉजी, वर्धा) यांची सेवा अधिग्रहीत करण्याबाबत.
संदर्भ -

१. आपत्ती व्यवस्थापन अधिनियम २००५.
२. महाराष्ट्र पालीस अधिनियम, १९५१.
३. भारतीय साधरोग नियंत्रण अधिनियम, १८९७.

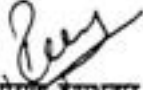
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सद्यस्थितीत वर्धा जिल्ह्यामध्ये कोरोना रुग्ण संख्येत मोठ्या प्रमाणात वाढ होत असल्याचे दिसून येत आहे. दंडात्मक कारवाई, कोरोना बाधित रुग्णांना बेड उपलब्ध करणे, ऑक्सीजन व रेमडिसीविर उपलब्ध करणे, गृहविलगीकरण, संस्थात्मक विलगीकरण, विविध कॉल सेंटर मधील कर्मचारी नियुक्त्या इत्यादी विविध स्वरूपाची कामे जिल्हा आपत्ती व्यवस्थापन कक्षामार्फत केली जातात. कार्यालयीन व शासकीय सुट्टीचे दिवशी शासन स्तरावरून व वरीष्ठ कार्यालयाकडून कोरोना संबंधाने आदेश निर्गमित केले जातात. तसेच तातडीच्या आढावा सभा, VC व बैठका घेतल्या जातात. जिल्हा आपत्ती व्यवस्थापन कक्षामध्ये एकाच वेळी विविध स्तरावरून माहितीचे संकलन, वरीष्ठ कार्यालयास व सभांकरीता माहिती सादरीकरण, शासना कडून प्राप्त अधिसूचनां नुसार व आपत्ती व्यवस्थापनाच्या दृष्टिने वेगवेगळे आदेश तयार करणे व निर्गमित करणे अशी विविध स्वरूपाची कामे करण्यात येतात. काही तातडीचे काम ऑनलाईन पध्दतीने सुध्दा तात्काळ करणे आवश्यक असते. या सर्व कामांमध्ये सुसुत्रता यावी तसेच, योग्य सनियंत्रण रहावे यास्तव "वर्धा कलेक्टरेट कोविड-१९ वॉर रूम" करण्यात आलेली असून, सदर वॉर रूम करीता संबंधित क्षेत्रातील तज्ञ व्यक्ती ची आवश्यक आहे.

त्याअनुषंगाने, जिल्हाधिकारी तथा अध्यक्ष, जिल्हा आपत्ती व्यवस्थापन प्राधिकरण वर्धा यांना महाराष्ट्र कोविड-19 उपाययोजना नियम 2020 चे नियम 10 नुसार प्रदान करण्यात आलेल्या अधिकारान्वये, प्रो. श्रीमती शितल काळे, (बजाज इन्सीट्यूट ऑफ टेक्नॉलॉजी, वर्धा) यांची सेवा उक्त कर्तव्यार्थ, वर्धा कलेक्टरेट कोविड-१९ वॉर रूम करीता अधिग्रहीत करण्यात आहे.


प्रो. श्रीमती शितल काळे, (बजाज इन्सॉटिट्यूट ऑफ टेक्नॉलॉजी, वर्धा) यांनी उक्त प्रमाणे सोपविण्यात आलेली जबाबदारी तसेच, वॉर रुम चे नियोजनापासून ते प्रत्यक्ष अंमलबजावणी करणे बाबतची संपूर्ण जबाबदारी न चुकता पार पाडावी.




(प्रेरणा देशभरतार, I.A.S)
जिल्हाधिकारी तथा अध्यक्ष
जिल्हा आपत्ती व्यवस्थापन प्राधिकरण,
जिल्हाधिकारी कार्यालय, वर्धा.

प्रतिलिपि -

१. मा. विभागीय आयुक्त, नागपुर विभाग, नागपुर यांना माहितीस सविनय सादर.
२. मुख्य कार्यकारी अधिकारी, जि.प. वर्धा यांना माहितीस अग्रेषित.
३. जिल्हा शल्य चिकित्सक, वर्धा.
४. जिल्हा आरोग्य अधिकारी, जि.प. वर्धा.
५. उपविभागीय अधिकारी, वर्धा / हिंगणघाट / आर्वी.
६. प्रो. श्रीमती शितल काळे, (बजाज इन्सॉटिट्यूट ऑफ टेक्नॉलॉजी, वर्धा) यांना माहिती तथा उचित कार्यवाहीस. आपणास सोपविण्यात आलेली जबाबदारी पूर्ण करण्याबाबत चे नियोजन या कार्यालयास तात्काळ सादर करावे.


जिल्हाधिकारी तथा अध्यक्ष
जिल्हा आपत्ती व्यवस्थापन प्राधिकरण,
जिल्हाधिकारी कार्यालय, वर्धा.

Supervision of Oxygen Tank at Civil Hospital, Wardha



जिल्हाधिकारी कार्यालय, वर्धा
(जिल्हा आपत्ती व्यवस्थापन प्राधिकरण)
महात्मा गांधी पुस्तकालय जवळ, सिव्हील सर्जन, वर्धा

दूरध्वनी क्रमांक (07152) 243446 /240872
फॅक्स क्रमांक (07152) 240533

क्र. जि.आ.व्य.अ/कोरोना विधान/कावि- 1835/2021

वेबसाईट - www.wardha.nic.in

ई-मेल-wardhardc@gmail.com

दिनांक - 26 ऑगस्ट, 2021.

- प्रमाणपत्र -

प्रमाणित करण्यात येते की, खालील अधिकारी/कर्मचारी यांनी, काविड-19 कालावधीत वर्धा जिल्ह्यातील सर्व DCH/DCHC (MGIMS सेवाग्राम, AVBRH सावंगी, जिल्हा सामान्य रुग्णालय, वर्धा सामान्य रुग्णालय, आर्वी व हिंगणघाट) या कोविड रुग्णालयातील ऑक्सीजन स्टोरेज टँक पासून ऑक्सीजन पुरवठा करणारे गॅस वाहिनी सुस्थितीत असल्याची व ऑक्सीजन पुरवठा सुरळीत होत असल्याबाबत दैनंदिन तपासणी करणे तसेच Fire Prevention & Rescue Plan बाबत आवश्यक तपासणी करण्याचे काम यशस्वीपणे पूर्ण केल्याबाबत या कार्यालयामार्फत त्यांना प्रमाणपत्र देण्यात येत आहे.

त्यांना दिनांक 25 जून, 2021 रोजी या कार्यालयाचे आदेशान्वये कार्यमुक्त करण्यात आले.

अ.क्र.	अधिकारी/कर्मचारी यांचे नांव	कार्यालयाचे नांव	कालावधी
१.	श्री. मोहन पाचखेडे.	बजाज इन्स्टिट्यूट ऑफ	२३ एप्रिल, २०२१ ते
२.	श्री. गजानन खंडारे.	टेक्नोलॉजी, पिपरी (मेघे), वर्धा.	२५ जून, २०२१



प्रति,

प्राचार्य, बजाज इन्स्टिट्यूट ऑफ टेक्नोलॉजी, पिपरी (मेघे), वर्धा.

(नितान पोटील)

प्र.नि.ऊ.जी.तथा मु.का.अ.
जिल्हा आपत्ती व्यवस्थापन प्राधिकरण,
जिल्हाधिकारी कार्यालय, वर्धा.

Attestd

30.8.21

PRINCIPAL

Bajaj Institute of Technology,
PIPRI, Wardha



Shiksha Mandal's

Bajaj Institute of Technology

(Approved by AICTE, and affiliated to Dr. Babasaheb Ambedkar Technical University, Lonere)

Arvi Road, Pipri – Wardha - 442001

Post Box. No. 25, Phone / Fax (07152) 254770, 255770

Web Site: www.bitwardha.ac.in, Email : principal@bitwardha.ac.in



Mask Making & Distribution

The National Service Scheme (NSS) unit of Bajaj Institute of Technology, Wardha organised program on 1st July 2020 for distribution of masks and sanitizers to those needy people who were found not using the mask and sanitizers.

The student of NSS unit and faculty of Bajaj Institute of Technology took efforts to provide needy things to the people living in pipri. Dr. Narendra Kanhe, Principal Bajaj Institute of Technology initiated the program by handing over masks and sanitizers to the people. At the same time, he told the importance of using mask and sanitizer for the safety and security from Covid 19.

He also suggested some majors like to keep social distance, washing hands at regular interval, eating healthy diet, avoid going in crowd etc. The NSS program officer Prof. Vikas Ravekar Put forth his views regarding creating awareness about Covid 19.

Nearly 30 volunteers of NSS unit Bajaj Institute of Technology were present. Around 150 persons handed over the masks and sanitizers.

Glimpses of the event are as follows:





PROGRAMME OFFICER
National Service Scheme (NSS)
B. J. Institute of Technology,
WARDHA

अजय वि. गौळकर

सरपंच

ग्रामपंचायत, पिपरी (मेघे), वर्धा

: कार्यालय :
अवतार कॉम्प्लेक्स, कारला चौक, पिपरी (मेघे), वर्धा

: निवास :
स्वागत कॉलनी, कारला रोड, पिपरी (मेघे), वर्धा-४४२००१

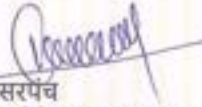
दिनांक : ०१/०८/२०२२

पिपरी ग्राम पुरस्कार

ग्राम पंचायत, पिपरी (मेघे), जिल्हा वर्धा तर्फे बजाज इंस्टीट्यूट ऑफ टेक्नॉलॉजी या अभियांत्रिकी महाविद्यालयास वर्ष २०२० ते २०२२ मध्ये पिपरीच्या खालील विकास कार्यक्रमांमध्ये उत्कृष्ट योगदान दिल्याबद्दल पिपरी ग्रामपंचायत पुरस्कार प्रदान करण्यात येत आहे.

- १) पिपरी ग्रामपंचायत शाळेच्या बांधकामाची देखरेख संस्थेच्या शिक्षक व शिक्षकेतर कर्मचाऱ्यांकडून झाली.
- २) कोविड -१९ दरम्यान पिपरीच्या ग्रामस्थांसाठी लसीकरण मोहीम राबवली.
- ३) पिपरी मधील शेतकऱ्यांच्या विहिरी खोदण्यासाठी योग्य ती जागा तंत्रज्ञानाच्या पद्धतीने माहित करून दिली.
- ४) युवा ग्रामस्थांसाठी रोजगार समाचार व सर्व ग्रामस्थांसाठी वर्तमानपत्रातील बातम्यांसाठी 'व्हॉट्स अॅप' ग्रुप अमलात आणला.
- ५) पिपरी ग्रामपंचायतीच्या शाळांमधील मुलांना संगणक व इतर तंत्रज्ञानाबद्दल अवगत करून दिले.

हा पुरस्कार दिनांक १५ ऑगस्ट २०२२ रोजी पंचायत कार्यालय पिपरी येथे प्राचार्य, बजाज इंस्टीट्यूट ऑफ टेक्नॉलॉजी यांनी त्यांच्या संस्थेच्या वतीने स्वीकार करावा हि विनंती.


सरपंच
पिपरी (मेघे) ग्रामपंचायत.
ग्रामपंचायत, पिपरी (मेघे)
वर्धा



फोन : मो. ९६०४५७७७७९, ९८२२९३२९९५



Shiksha Mandal's
Bajaj Institute of Technology
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Vaccination Drive - II

Shiksha Mandal Trust along with the Bajaj Institute of Technology, Wardha and National Service Scheme unit of Bajaj Institute of Technology conducted a COVID-19 Vaccination Drive at Leprosy Foundation, Wardha.

The camp was organized from 15th September to 22nd September 2021. During this drive around 403 Students and 53 staff members of the institution were vaccinated successfully.

Photographs of the drive are as follows:






Dr.N.M.Kanhe
Principal
PRINCIPAL
Bajaj Institute of Technology
BIRL, Wardha

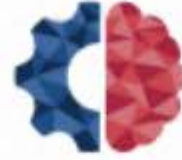


**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)

Establishment Certificate



Ministry of
Education
Government of India



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education, Government of India)



CERTIFICATE OF ESTABLISHMENT

This is to certify that

BAJAJ INSTITUTE OF TECHNOLOGY , Wardha

has established an Institution's Innovation Council (IC201912524) in the campus as per the norms of Innovation Cell, Ministry of Education, Govt. of India during the academic calendar year 2018-19

Prof. Anil D. Sahasrabudhe
Chairman
AICTE

Shri. R. Subrahmanyam
Secretary
Ministry of Education

Dr. Abhay Jere
Chief Innovation Officer
Ministry of Education's Innovation Cell

Certificate No: 2076

Aishe Code: C-58531

Date: 23-08-2019



**INSTITUTION'S
INNOVATION
COUNCIL**

(Ministry of HRD Initiative)

**Committee
Members
Year-wise
2019-2023**



Bajaj Institute of Technology, Wardha

(A Hindi Linguistic Minority Institute)

Approved by AICTE, DTE and Govt. of Maharashtra ; DTE Code - 4649

Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, Dist. Raigad

Post Box No. 25, Arvi Road, Pipri, Wardha - 442001. Phone : 07152-254770, 255770, Fax : 230506

Date: 27/09/2019

Ref. No.

Date

The first council meeting of Institution's Innovation Council (IIC), Bajaj Institute of Technology, Wardha was called by IIC President Dr. S. M. Mahajan to discuss upon the formulation and function of IIC & shared roles and responsibility among newly joined council members as per the guidelines of MHRD's Innovation cell.

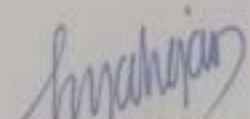
Sr. No.	Name of Member	Member Type (Teaching/ Non-Teaching / External Expert)	Key Role/ Position assigned in IIC	Signature
1.	Dr. Narendra M. Kanhe	Teaching	Head of Institute IP Expert / Patent Expert	
2.	Dr. S. M. Mahajan	Teaching	President	
3.	Dr. Jayesh D. Ruikar	Teaching	Vice President Innovation Activity Coordinator	
4.	Prof. Sandesh D. Jain	Teaching	Convener, ARIIA Coordinator (Faculty), NIRF coordinator (Faculty), Members	
5.	Dr. Narendra Kumar	Teaching	Start-up activity Coordinator	
6.	Dr. Satyavir Singh	Teaching	Internship Coordinator	
7.	Prof. Pratik Vyas	Teaching	IPR activity Coordinator	
8.	Prof. Abhishek Kinhekar	Teaching	Social Media Coordinator	
9.	Dr. Karmraj Yadav	External Expert	Incubation Center	
10.	Mr. Shrikant Shirkhande	External Expert	Start-up / Alumni entrepreneur	
11.	Mr. Shantaram Awachat	External Expert	Expert from nearby Industry/ Industry association/ Ecosystem Enablers	

The council members met and discussed about the objective of IIC, type of activities (IIC calendar and Self-Driven), features of IIC portal for monthly report submission mechanism. The council members also discussed about collaborations with organizations to accelerate the activities of IIC. The council also deliberated on **quarterly action plan** in synchronization with activities and initiatives of other departments, centers and facilities in the Institute working towards promoting IPR, Innovation and Start up.

The council unanimously decided to carry out all the IIC activities in regular basis throughout the year and meet regularly in beginning of every quarter to review the progress made in previous quarter and also to plan for upcoming quarter. The council has agreed to convene next meeting on 22/11/2019.

Date: 27/09/2019

Place: Wardha


Signature & Seal





Bajaj Institute of Technology, Wardha

(A Hindi Linguistic Minority Institute)

Approved by AICTE, DTE and Govt. of Maharashtra ; DTE Code - 4649

Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, Dist. Raigad

Post Box No. 25, Arvi Road, Pipri, Wardha - 442001. Phone : 07152-295473, Fax : 230506

Ref. No.

Date : 12/11/20

The first council meeting of Institution's Innovation Council (IIC), **Bajaj Institute of Technology, Wardha** was called by IIC President **Dr. S. M. Mahajan** to discuss upon the formulation and function of IIC & shared roles and responsibility among newly joined council members as per the guidelines of MHRD's Innovation cell.

Sr. No.	Name of Member	Member Type (Teaching/ Non-teaching / External Expert)	Key Role/ Position assigned in IIC
1.	Dr. Narendra M. Kanhe	Teaching	Head of Institute IP Expert / Patent Expert
2.	Dr. S. M. Mahajan	Teaching	President
3.	Dr. Jayesh D. Ruikar	Teaching	Vice President Innovation Activity Coordinator
4.	Prof. Sandesh D. Jain	Teaching	Convener ARIIA Coordinator (Faculty) NIRF coordinator (Faculty) Members
5.	Dr. Pawan Chandak	Teaching	Start-up activity Coordinator
6.	Dr. Satyavir Singh	Teaching	Internship Coordinator
7.	Prof. Pratik Vyas	Teaching	IPR activity Coordinator
8.	Prof. Abhishek Kinhekar	Teaching	Social Media Coordinator
9.	Dr. Karmraj Yadav	External Expert	Incubation Center
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11.	Mr. Shantaram Awachat	External Expert	Expert from nearby Industry/ Industry association/ Ecosystem Enablers

The council members met and discussed about the objective of IIC, type of activities (IIC calendar and Self-Driven), features of IIC portal for monthly report submission mechanism. The council members also discussed about collaborations with organizations to accelerate the activities of IIC. The council also deliberated on **quarterly action plan** in synchronization with activities and initiatives of other departments, centers and facilities in the Institute working towards promoting IPR, Innovation and Start up.

The council unanimously decided to carry out all the IIC activities in regular basis throughout the year and meet regularly in beginning of every quarter to review the progress made in previous quarter and also to plan for upcoming quarter. The council has agreed to convene next meeting on 06/03/2021

Date: 12/11/2020

Place: Wardha

Signature & Seal

 (IIC President)



Shiksha Mandal's
Bajaj Institute of Technology,

Pipri-Wardha
Post Box. No. 25, Pin code: 442001

Phone: 07152- 254770, 255770 Fax: 07152-230506 Email ID: bit@bit.shikshamandal.org

Ref. No.

Date: 17/12/2021

The first council meeting of Institution's Innovation Council (IIC), **Bajaj Institute of Technology, Wardha** was called by IIC President **Dr. S. M. Mahajan** to discuss upon the formulation and function of IIC & shared roles and responsibility among newly joined council members as per the guidelines of MHRD's Innovation cell.

Sr. No.	Name of Member	Member Type (Teaching/ Non- Teaching / External Expert)	Key Role/ Position assigned in IIC
1.	Dr. Narendra M. Kanhe	Teaching	Head of Institute IP Expert / Patent Expert
2.	Dr. S. M. Mahajan	Teaching	President
3.	Dr. Jayesh D. Ruikar	Teaching	Vice President Innovation Activity Coordinator
4.	Prof. Sandesh D. Jain	Teaching	Convener, ARIIA Coordinator (Faculty), NIRF coordinator (Faculty), Members
5.	Dr. Pawan Chandak	Teaching	Start-up activity Coordinator
6.	Dr. Satyavir Singh	Teaching	Internship Coordinator
7.	Dr. Harshad Phadke	Teaching	IPR activity Coordinator
8.	Prof. Abhishek Kinhekar	Teaching	Social Media Coordinator
9.	Dr. Karmraj Yadav	External Expert	Incubation Center
10.	Mr. Shrikant Shirkhande	External Expert	Start-up / Alumni entrepreneur
11.	Mr. Shantaram Awachat	External Expert	Expert from nearby Industry/ Industry association/ Ecosystem Enablers

The council members met and discussed about the objective of IIC, type of activities (IIC calendar and Self-Driven), features of IIC portal for monthly report submission mechanism. The council members also discussed about collaborations with organizations to accelerate the activities of IIC. The council also deliberated on **quarterly action plan** in synchronization with activities and initiatives of other departments, centers and facilities in the Institute working towards promoting IPR, Innovation and Start up.

The council unanimously decided to carry out all the IIC activities in regular basis throughout the year and meet regularly in beginning of every quarter to review the progress made in previous quarter and also to plan for upcoming quarter. The council has agreed to convene next meeting on 23rd April 2022.

Date: 17/12/2021

Place: Wardha

Signature & Seal

(IIC President)

HEAD

Department of Civil Engineering
Bajaj Institute of Technology, WARDHA



Shiksha Mandal's

Bajaj Institute of Technology,

Pipri-Wardha

Post Box, No. 25, Pin code: 442001

Phone: 07152- 254770, 255770 Fax: 07152-230506 Email ID: bit@bit.shikshamandal.org

Ref. No.

Date: 24/02/2023

Institution's Innovation Council (IIC)

The council meeting of Institution's Innovation Council (IIC), **Bajaj Institute of Technology, Wardha** was called by IIC President **Dr. S. M. Mahajan** on **24/02/2023** to discuss upon the formulation and function of IIC for academic year **2022-23** & to assign roles and responsibility among newly joined council members as per the guidelines of Ministry of Education's Innovation cell.

As per the decision of competent authority, following members will be the part of IIC;

Sr. No.	Name of Member	Member Type (Teaching/ Nonteaching /Student/ External Expert)	Key Role/Position assigned in IIC
1.	Dr. N. M. Kanhe	Teaching	Principal, IP Expert
2.	Dr. Sanjay M. Mahajan	Teaching	President
3.	Dr. Jayesh. D. Ruikar	Teaching	Vice President
4.	Dr. Manish. D. Pasarkar	Teaching	NISP Co-ordinator
5.	Dr. Kantilal. D. Joshi	Teaching	NIRF Coordinator
6.	Sandesh D. Jain	Teaching	Convener, ARIIA Coordinator
7.	Dr. Pawan A. Chandak	Teaching	IPR Activity Coordinator
8.	Abhishek M. Kinhekar	Teaching	Social Media Coordinator
9.	Anirudha M. Marothiya	Teaching	Start-up Activity Coordinator
10.	Dr. Harshad D. Phadke	Teaching	Internship Activity Coordinator
11.	Amol S. Jumde	Teaching	Innovation Activity Coordinator
12.	Dr. Partha Sarathi Subudhi	Teaching	Member
13.	Dr. Nikhil Sohoni	Teaching	Member
14.	Arpit Sharma	Teaching	Member
15.	Dr. Bhushan Dharmik	Teaching	Member
16.	Miss. Sanika Ravindra Bhoyar	Student	Student Council Head
17.	Dr. Karmraj Yadav	External Expert	Incubation Center
18.	Mr. Shrikant Shirkhande	External Expert	Start-up / Alumni entrepreneur
19.	Mr. Shantaram Awachat	External Expert	Expert from nearby Industry/ Industry association/ Ecosystem Enablers

The council members discussed about the activities (IIC calendar, Celebration and Self-Driven) and features of IIC portal. The council members also discussed about collaborations within and outside the institution to accelerate the activities of IIC. The council also deliberated on quarterly action plan in synchronization with activities and initiatives of other departments, centers and facilities in the Institute working towards promoting IPR, Innovation, Entrepreneurship and Start up.

The council unanimously decided to carry out all the IIC activities in regular basis throughout the year and meet regularly in beginning of every quarter to review the progress made in previous quarter and also to plan for upcoming quarter. The council has agreed to convene next meeting tentatively on 07/04/2023.



Signature & Seal
(Head of the Institution)

Name- Dr. N. M. Kanhe

Place: Wardha

Date: 24/02/2023

PRINCIPAL
Bajaj Institute of Technology
PIPRI, Wardha

Attendance sheet of all the members as per given format

Sr. No.	Name of Member	Signature
1.	Dr. N. M. Kanhe	
2.	Dr. Sanjay M. Mahajan	
3.	Dr. Jayesh. D. Ruikar	
4.	Dr. Manish. D. Pasarkar	
5.	Dr. Kantilal. D. Joshi	
6.	Sandesh D. Jain	
7.	Dr. Pawan A. Chandak	
8.	Abhishek M. Kinhekar	
9.	Anirudha M. Marothiya	
10.	Dr. Harshad D. Phadke	
11.	Amol S. Jumde	
12.	Dr. Partha Sarathi Subudhi	
13.	Dr. Nikhil Sohoni	
14.	Arpit Sharma	
15.	Dr. Bhushan Dharmik	
16.	Miss. Sanika Ravindra Bhojar	

** Detailed Minutes of the meeting to be attached separately in Council Meeting section on IIC portal



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)

Rating Certificate

IIC 2.0



Ministry of Education
Government of India



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)



CERTIFICATE

Institution Innovation Council (IIC) established at

BAJAJ INSTITUTE OF TECHNOLOGY , Wardha

had undertaken various activities prescribed by Innovation Cell, Ministry of Education, Govt. of India to promote Innovation and Start-up in campus during the IIC calendar year 2019-20.

Prof. Anil D. Sahasrabudhe
Chairman, AICTE

Sh. Amit Khare
Secretary, Department of Higher Education, MOE

Dr. Abhay Jere
CIO, MOE, Innovation Cell

Certificate No : 2076

Issued On : 2020-09-22



**SMART INDIA
HACKATHON
2020**

**Winners
Certificate**



SMART INDIA
HACKATHON
2020

SOFTWARE EDITION

Grand Finale

1st, 2nd & 3rd Aug. 2020

Certificate For **WINNER**

This Certificate is awarded to

Ruchika S. Chambhare

of team Algorithmic

as the Winner of

"Smart India Hackathon 2020"



Certificate Uniqid: 779241034

Sh. Amit Khare
Secretary, Higher Education
Ministry of Education
Government of India

Dr. Anil D Sahasrabudhe
Chairman, AICTE
Chairman, Organizing Committee,
Smart India Hackathon 2020

Dr. Abhay Jere
CIO, MIC, MHRD
Organizing Committee,
Smart India Hackathon 2020

Dr. Anand Deshpande
Chairman and MD, Persistent Systems
Co-Chairman, Organizing Committee
Smart India Hackathon 2020



SMART INDIA
HACKATHON
2020

SOFTWARE EDITION

Grand Finale

1st, 2nd & 3rd Aug. 2020

Certificate For **WINNER**

This Certificate is awarded to

Ganesh P. Marathe

of team Algorithmic

as the Winner of

"Smart India Hackathon 2020"



Certificate Uniqid: 779241034

Sh. Amit Khare
Secretary, Higher Education
Ministry of Education
Government of India

Dr. Anil D Sahasrabudhe
Chairman, AICTE
Chairman, Organizing Committee,
Smart India Hackathon 2020

Dr. Abhay Jere
CIO, MIC, MHRD
Organizing Committee,
Smart India Hackathon 2020

Dr. Anand Deshpande
Chairman and MD, Persistent Systems
Co-Chairman, Organizing Committee
Smart India Hackathon 2020



SMART INDIA
HACKATHON
2020

SOFTWARE EDITION

Grand Finale

1st , 2nd & 3rd Aug. 2020

Certificate For **WINNER**

This Certificate is awarded to

Anany A. Dubey

of team Algorithmic

as the Winner of

"Smart India Hackathon 2020"



Certificate Uniqid: 779241034

Sh. Amit Khare
Secretary, Higher Education
Ministry of Education
Government of India

Dr. Anil D Sahasrabudhe
Chairman, AICTE
Chairman, Organizing Committee,
Smart India Hackathon 2020

Dr. Abhay Jere
CIO, MIC, MHRD
Organizing Committee,
Smart India Hackathon 2020

Dr. Anand Deshpande
Chairman and MD, Persistent Systems
Co-Chairman, Organizing Committee
Smart India Hackathon 2020



SMART INDIA
HACKATHON
2020

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Jyoti B.Jauhari

of team Algorithmic

as the Winner of

"Smart India Hackathon 2020"



Certificate Uniqid: 779241034

Sh. Amit Khare
Secretary, Higher Education
Ministry of Education
Government of India

Dr. Anil D Sahasrabudhe
Chairman, AICTE
Chairman, Organizing Committee,
Smart India Hackathon 2020

Dr. Abhay Jere
CIO, MIC, MHRD
Organizing Committee,
Smart India Hackathon 2020

Dr. Anand Deshpande
Chairman and MD, Persistent Systems
Co-Chairman, Organizing Committee
Smart India Hackathon 2020



SMART INDIA
HACKATHON
2020

SOFTWARE EDITION

Grand Finale

1st, 2nd & 3rd Aug. 2020

Certificate For **WINNER**

This Certificate is awarded to

Manasi R. Kotheekar

of team Algorithmic

as the Winner of

"Smart India Hackathon 2020"



Certificate Uniqid: 779241034

Sh. Amit Khare
Secretary, Higher Education
Ministry of Education
Government of India

Dr. Anil D Sahasrabudhe
Chairman, AICTE
Chairman, Organizing Committee,
Smart India Hackathon 2020

Dr. Abhay Jere
CIO, MIC, MHRD
Organizing Committee,
Smart India Hackathon 2020

Dr. Anand Deshpande
Chairman and MD, Persistent Systems
Co-Chairman, Organizing Committee
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Organisers



MHRD



MIC



Persistent



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HACKATHON
2020

SOFTWARE EDITION

Grand Finale

1st , 2nd & 3rd Aug. 2020

Certificate For **WINNER**

This Certificate is awarded to

Pradeepkumar M.. Mahur

of team Algorithmic

as the Winner of

"Smart India Hackathon 2020"

Sh. Amit Khare
Secretary, Higher Education
Ministry of Education
Government of India

Dr. Anil D Sahasrabudhe
Chairman, AICTE
Chairman, Organizing Committee,
Smart India Hackathon 2020

Dr. Abhay Jere
CIO, MIC, MHRD
Organizing Committee,
Smart India Hackathon 2020

Dr. Anand Deshpande
Chairman and MD, Persistent Systems
Co-Chairman, Organizing Committee
Smart India Hackathon 2020



Certificate Uniqid: 779241034

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SMART INDIA
HACKATHON
2020

HARDWARE EDITION

GRAND FINALE
21,22,23 DECEMBER 2020

Certificate of **WINNER**

This Certificate is awarded to

Sarvesh Vivek Lonkar

of team TechHydra

for Winning

"Smart India Hackathon 2020 Hardware Edition"

Sh. Amit Khare
Secretary, Higher Education
Ministry of Education
Government of India

Dr. Anil D Sahasrabudhe
Chairman, AICTE
Chairman, Organizing Committee,
Smart India Hackathon 2020

Dr. Abhay Jere
CIO, MIC, MHRD
Organizing Committee,
Smart India Hackathon 2020

Dr. Anand Deshpande
Chairman and MD, Persistent Systems
Co-Chairman, Organizing Committee
Smart India Hackathon 2020



Certificate Uniqid:
SIHHW/20/1.529065

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HACKATHON
2020

HARDWARE EDITION

GRAND FINALE
21,22,23 DECEMBER 2020

Certificate of **WINNER**

This Certificate is awarded to

Dhiraj Purushottamrao Umate

of team TechHydra

for Winning

"Smart India Hackathon 2020 Hardware Edition"

Sh. Amit Khare
Secretary, Higher Education
Ministry of Education
Government of India

Dr. Anil D Sahasrabudhe
Chairman, AICTE
Chairman, Organizing Committee,
Smart India Hackathon 2020

Dr. Abhay Jere
CIO, MIC, MHRD
Organizing Committee,
Smart India Hackathon 2020

Dr. Anand Deshpande
Chairman and MD, Persistent Systems
Co-Chairman, Organizing Committee
Smart India Hackathon 2020



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SIHHW/20/1.529065

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SMART INDIA
HACKATHON
2020

HARDWARE EDITION

GRAND FINALE
21,22,23 DECEMBER 2020

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This Certificate is awarded to

Mayur Rajendra Petkar

of team TechHydra

for Winning

"Smart India Hackathon 2020 Hardware Edition"

Sh. Amit Khare
Secretary, Higher Education
Ministry of Education
Government of India

Dr. Anil D Sahasrabudhe
Chairman, AICTE
Chairman, Organizing Committee,
Smart India Hackathon 2020

Dr. Abhay Jere
CIO, MIC, MHRD
Organizing Committee,
Smart India Hackathon 2020

Dr. Anand Deshpande
Chairman and MD, Persistent Systems
Co-Chairman, Organizing Committee
Smart India Hackathon 2020



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2020

HARDWARE EDITION

GRAND FINALE
21,22,23 DECEMBER 2020

Certificate of **WINNER**

This Certificate is awarded to

Princy Rammilan Sahu

of team TechHydra

for Winning

"Smart India Hackathon 2020 Hardware Edition"

Sh. Amit Khare
Secretary, Higher Education
Ministry of Education
Government of India

Dr. Anil D Sahasrabudhe
Chairman, AICTE
Chairman, Organizing Committee,
Smart India Hackathon 2020

Dr. Abhay Jere
CIO, MIC, MHRD
Organizing Committee,
Smart India Hackathon 2020

Dr. Anand Deshpande
Chairman and MD, Persistent Systems
Co-Chairman, Organizing Committee
Smart India Hackathon 2020



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HACKATHON
2020

HARDWARE EDITION

GRAND FINALE
21,22,23 DECEMBER 2020

Certificate of **WINNER**

This Certificate is awarded to

Shreya Bhaskar Urkudkar

of team TechHydra

for Winning

"Smart India Hackathon 2020 Hardware Edition"

Sh. Amit Khare
Secretary, Higher Education
Ministry of Education
Government of India

Dr. Anil D Sahasrabudhe
Chairman, AICTE
Chairman, Organizing Committee,
Smart India Hackathon 2020

Dr. Abhay Jere
CIO, MIC, MHRD
Organizing Committee,
Smart India Hackathon 2020

Dr. Anand Deshpande
Chairman and MD, Persistent Systems
Co-Chairman, Organizing Committee
Smart India Hackathon 2020



Certificate Uniqid:
SIHHW/20/1.529065

Partners



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Prizes at
University-Level
Event.

Students Guided
by Innovation
Ambassadors

Dr. Babasaheb Ambedkar Technological University Lonere, Raigad
State Technical University, Maharashtra Act No. XXIX of 2014
डॉ. बाबासाहेब आंबेडकर तंत्रशास्त्र विद्यापीठ लोणेरे, रायगड
Avishkar 2019



Award of Excellence

SANKET ASHOK HINGANKAR

This is to certify that you are selected ~~first~~/second in Discipline CML
and Category UG at University level round of Avishkar 2019 held at
Dr. Babasaheb Ambedkar Technological University Lonere, Raigad on 03.1 .20


Dr. M. Sadaiah
Registrar

Team MARS


Sanjay Khobragade
Prof. in Charge

Dr. Babasaheb Ambedkar Technological University Lonere, Raigad

State Technical University, Maharashtra Act No. XXIX of 2014

डॉ. बाबासाहेब आंबेडकर तंत्रशास्त्र विद्यापीठ लोणेरे, रायगड

Avishkar 2019




Award of Excellence

SOHAM RAJKUMAR CHANDORIYA

This is to certify that you are selected first/second in Discipline MP
and Category UG at University level round of Avishkar 2019 held at
Dr. Babasaheb Ambedkar Technological University Lonere, Raigad on 03.11.20


Dr. M. Sadaiah
Registrar

Team MARS


Sanjay Khobragade
Prof. in Charge

MIC's
National
Innovation
Challenge 2020

Winning Certificate &
Grant Received
Document



File No. STDC/MIC/GRANT/215/2021-22/ 24

Dated: 29 .03 . 2022

All India Council for Technical Education
(A Statutory body under Ministry of Education, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

Grant Support to Innovations - Sanction Letter

To

The Drawing and Disbursing Officer,
All India Council for Technical Education,
Nelson Mandela Marg, Vasant Kunj,
New Delhi - 110070

Sub: Sanction of Rs. 300000/- (Rs. Three Lakh only) being the Grant-in-Aid under the scheme of Grant Support to Innovations, MIC for the year 2021-22 payable during the current financial year 2021-22 to Bajaj Institute of Technology, Wardha.

Sir,

With reference to the approval of the Council, this is to convey the sanction for payment of Rs. 300000/- (Rs. Three Lakh only) as Grant-in-Aid under the Grant Support to Innovations, MIC Scheme for Innovation titled 'Innovative swirl flow LPG burner head' as per details given below: -

1.	Name and address of the Beneficiary Institution/ Institute / Incubation Unit	Bajaj Institute of Technology, Wardha, Bajaj Institute of Technology, Arvi Road, Pipri, Wardha, Maharashtra, Pin-442001
2.	Name of the Team Leader:	Harshal Vilasrao Kotewar
3.	Duration of the scheme:	1 (one) year upto 31-03-2023
4.	Total Grant-in-aid Sanctioned:	Rs. 300000/-
5.	1 st Phase Amount (50% of Grant-in-Aid) to be released during the year 2021-22:	Rs.150000/-
6.	Sanctioned grant-in-aid is debitible to:	603.2 (a) General (MIC)
7.	The authorized officer in whose favour Cheque/ Demand Draft/ RTGS is to be made	Bajaj Institute of Technology Project Account

1. The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid bill and shall be disbursed to and credited to the account of Director/Principal through RTGS/PFMS.
2. This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

The instructions/guidelines to be followed by University/Institution/Incubation Unit**I. Release of funds**

- a. The Director/Principal is hereby requested to verify the correctness of the under mentioned bank account/ RTGS details submitted by them along with the proposal, in which the grant is being released:

Institute/Incubation PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AABTS0507P	Punjab National Bank	Arvi NAka Road, Wardha		Bajaj Institute of Technology Project Account	Savings Account	5473000100031149	PUNB0547300

In case of any omission the same should be reported to AICTE immediately.

- b. The sanction is issued in exercise of the powers delegated to the council and other terms & conditions laid down in the guidelines of the scheme.
- c. 50% of the total sanctioned project amount as grant-in-aid is being released to the Institute / Incubation Unit. Next 50% will be released after 06 months or achieving 50% milestone, whichever is earlier, based on the framework developed by MIC. Student Development Cell will process the payment of next instalment on receipt of Satisfactory Report from MIC duly approved by Competent Authority.
- d. The activities related to the project for which funds have been disbursed shall be closely monitored by MIC.

II. Maintenance of accounts

- a. The Institute shall strictly follow the guidelines issued by this office.
- b. Funds covered by this grant shall be kept separately and would not be mixed up with other funds, so as to know the amount of interest accrued on the grant.
- c. The Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on the scheme/specified project.
- d. The Council or its nominee shall have the right to check/verify the account to satisfy that the fund has been utilized for the purpose for which it was sanctioned.
- e. The date of announcement of result by AICTE shall be taken as the commencement of the project. The Team / Start up can submit the details of expenditure with bills and vouchers at the incubation unit (or) institution for reimbursement of any expenses incurred by them towards procurement of equipment, materials, items for the innovation project work during the period between the announcement of result by AICTE and release of grant. In such cases, respective institution needs to verify the expense details and bills and ensure that these expenses were made for development of the innovation project sanctioned by AICTE only.
- f. The amount of interest accrued on the grant should be treated as part of the grant to be utilized for that particular project. However, the interest amount accrued along with grant disbursed should not exceed the total grant sanctioned for the project. The Institute receiving the grant should reflect the same in the audited statement of accounts/ utilization certificate and may either refund the interest amount to AICTE.
- g. After receipt of the grant from AICTE, the Institute/ Incubation Unit shall send a confirmation to AICTE within one (01) month of receipt of grant that the sanctioned project has been started/is in progress.

III. Instructions for Implementation of project funds

1. Approximately 50-60% of the total fund granted to an innovation team can be used for technology development/process development/innovation refinement and market research. This budget category may include expenses incurred towards above activities, logistics and procurement of raw materials, expenses to carry out market research, mentorship and fees related to incubation services availed through incubation unit (if chargeable).
2. Up to 20% may be utilized towards cost of startup registration as per DPIIT norm and consultation, IP filing, legal and fulfillment of other regulatory compliances towards operationalization the startup activities and launch of product/services.
3. Up to 10% may be utilized towards participation fee and travel to represent or participate in any national level competition / exhibition/ training / workshop related Innovation/Startup/IPR.
4. Up to 10% may be used for miscellaneous activities related to above categories.
5. Advance to student team lead can be given for the expense and settlement for which original receipt of expenses duly signed by student team lead will be submitted to the Institute on monthly basis.
6. A copy of summary of expenses should be provided to the students by Institute on monthly basis.
7. **Guidelines regarding procurement of equipment, material & items for the Innovation Project Work and procedure for taking reimbursement of expenses are incorporated as Annexure -I of this Sanction Letter.**

IV. Refund of grant (by way of a demand draft in favor of Member Secretary, AICTE, New Delhi)

- a. In any case, if the institute is required to refund the grant or interest accrued thereon or balance amount, the amount will be refunded to AICTE. Consent from the concerned team lead with duly signed copy need to be attached.
- b. If project is not started within three (03) months after the issuance of this Sanction Letter, the released amount, along with interest accrued thereon, has to be necessarily returned to AICTE.
- c. It may be ensured that the project is completed within the stipulated time. If the project is not completed in time, no further extension will be granted in any case and institute has to refund the entire amount to AICTE.
- d. As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.

V. Submission of documents by college / institution / Incubation Unit after completion of project

The following mandatory relevant documents are required to be submitted by the college/institution within one month of the completion of the Project: -

- a. Feedback form in the prescribed proforma (finalized / given by MIC).
- b. Original Statement of actual expenditure in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor

Note: The institution is not required to submit bills/ vouchers/ invoices etc. for the expenditure incurred out of recurring grants. However, such copies of bills/ vouchers/ invoices shall be digitized by respective institutions receiving grant and uploaded scanned copies of such bills/vouchers/invoices etc. on the portal for availability and view at any point of time.

- c. The **Utilization Certificate (UC)** supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE immediately after completion of the Project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the Project in the prescribed format and GFR-19 shall be submitted to the Council.

- d. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed by a Chartered Accountant (with membership no., full address & stamp). Photocopies of formats are enclosed as Annexures – II & III.
- e. Program Evaluation Committee (PEC) is required to be constituted at Institutional level. The constitution of the PEC shall be as under:
- Incubation unit head/HOD/Principal/Director/Registrar of the Institution (Chairperson)
 - Coordinator of the Project from incubation unit/institute (Member Secretary),
 - Two subject experts/entrepreneurs/startup founders.
- The members of the said PEC shall not be below the rank of Associate Professor. The minutes of the meetings are to be submitted to the Council at end of the Project along with other mandatory documents.
- f. Project completion report indicating the activities undertaken by the Innovation Team, achievements against milestones & targets submitted at the beginning of project.


VI. General instructions

- a. If program is not started in the period of three (03) months of the issuance of this Sanction Letter, the released amount, along with interest accrued thereon, has to be returned back to AICTE. Kindly mention the File No. STDC/MIC/GRANT/215/2020-21/24 dated : 29-03-2022 in your future correspondence.

The grantee Institution/Incubation Unit shall observe all financial norms and guidelines as prescribed by the AICTE/ Government of India from time to time. GOI GFR rules (@<https://doe.gov.in/order-circular/general-financial-rules-2017-0>) should be followed during utilization of grant.

- b. This Sanction Letter may be treated as Offer Letter for all purposes.

Yours Sincerely,


Director (STDC)

- Encl: 1. Guidelines regarding procurement of equipment, material & items for the Innovation Project Work and procedure for taking reimbursement of expenses (Annexure –I)
2. Formats of Statement of Expenditure & Utilisation Certificate (Annexures – II & III)

Copy forwarded for information and necessary action to:

- Bajaj Institute of Technology, Wardha, Bajaj Institute of Technology, Arvi Road, Pipri, Wardha, Maharashtra, Pin- 442001.
Tel : 9823382851, Email : principal@bitwardha.ac.in
- Harshal Vilasrao Kotewar, Harshalkotewar1234@gmail.com
- MIC
- Guard File

Annexure – I

Guidelines Regarding Procurement of Equipment, Material & Items for the Innovation Project Work and Procedure for Taking Reimbursement of Expenses

- 1) The team/start-up can claim the expenses incurred towards the innovation project for reimbursement. The bills/invoice can be raised either in the name of team lead of innovation (or) startup registered by the team (or) incubation unit (or) institute name. In all such cases, these bills need to be verified by the incubation unit where the innovation is incubated (or) directly by the committee established at institute for reimbursement to the team.
- 2) The team/start-up can directly procure the items or materials or equipment required for the innovation project from the open market or GEM portal. The bills/invoice can be raised either in the name of team lead of innovation (or) start-up registered by the team (or) incubation unit (or) institute name. In such case, these bills to need to be verified by the incubation unit where the innovation is incubated (or) directly by the committee established at institute for reimbursement.
- 3) Both reimbursement and advance mode of fund utilization is permissible. The team/start-up can submit request for advance amount to incubation unit (or) institute for the expenses towards procurement of equipment, materials, items and other major expenses falling under the prescribed budget heads. The incubation unit (or) institute needs to verify the requirement. The team/start-up can avail advance amount up to Rs. 50,000 or 20% of total grant sanctioned for the above expenses. Teams are required to settle the advance amount taken with all bills and vouchers within a period of two months from the date of advance taken from incubation unit (or) institute. Team can't avail advance for second time without clearing the advance taken previously.
- 4) In case the fund is released to institution and the team/start-up is incubated in the incubation unit which is part of the institute/university and located in the same campus, then team/start-up can request the institute to transfer the grant to the incubation unit for utilisation (or) team/start-up can submit the expense details verified by the incubation unit to the institute for reimbursement whichever is convenient. Both Incubation unit and institution needs to work out a suitable mechanism for smooth and quick process for fund utilization for the innovation development work.
- 5) In case the fund is released to institution and the team/start-up is incubated in the incubation unit which is different from the institution/university and located in different place, then team/start-up can request the institute to transfer the grant to the incubation unit for utilisation (or) team/start-up can submit the expense details verified by the incubation unit to the institute for reimbursement whichever is convenient. Incubation unit and institution both needs to work out a suitable mechanism for smooth and quick process for fund utilization for the innovation development work.
- 6) The Grant-in-Aid fund is channelized through the incubation unit (or) institute exclusively for the mentioned innovation project development and start-up establishment work. The prescribed budget heads in the sanction letter and GIA also covers expenses towards rental charge for incubation space and service fees for technical and mentoring support and access to lab facilities. The team/start-up can utilise the fund for the above services while receiving incubation support at the incubation unit (or) institute. In this scenario, so far the innovation is developed by the team with no substantial financial resources (or) technical contribution made by the institute, the Intellectual Property (IPs) associated with the innovation will remain with the team/start-up only. In such case, institute can't claim any ownership on the IP generated by the team/start-up. Similarly, if team has registered the start-up, they can avail the incubation services either on rental mode or equity mode (or) both. In case of equity mode, incubation unit can ask for equity sharing only after having a minimum 3 months' incubation service with the team/start-up on rental mode. The incubation unit can't own more than 9.5% of total equity in the start-up.

Annexure – II

INNOVATION CELL
GRANT SUPPORT TO INNOVATIONS
STATEMENT OF EXPENDITURE

Permanent ID of Institute (If Applicable)	
Name and address of the Institute/Incubation Unit	
Name of Head of Institute/Incubation Unit	
Mobile No.	
Landline No.	
Email id :	
Sanction Order No. & Date	
Total Grant Sanctioned	
Total Amount Received (1 st & II Instalment)	
Accrued Interest on Grant	
Name of the Team Leader	

EXPENDITURE DETAILS – HEAD WISE		
S. No.	Expenditure Head	Spent Amount (in Rs.)
1.	Technology development/process development/innovation refinement and market research. It includes expenses related to logistics and procurement of raw materials, expenses to carry out market research, mentorship and fees related to incubation services available through incubation units (if chargeable) (50-60% of the total fund sanctioned).	
2.	Startup Registration as per DPIIT norm and Consultation Fee, IP filing, Legal Fee and fulfillment of other regulatory compliances towards operationalization of the startup activities and launch of product/services. (Up to 20% of the total fund sanctioned)	
3.	Participation Fee and Travel to represent or participate in any national level competition / exhibition/ training / workshop related to Innovation/Startup/IPR etc. (Up to 10% of the total fund sanctioned).	
4.	Miscellaneous activities related to above categories (Up to 10% of the total fund sanctioned).	
TOTAL EXPENDITURE :		

(1) _____

Signature of Team Leader

Name :

Designation :

Mobile No.

(2) _____

Signature of Head of Institution/Incubation Unit

Name :

Designation :

Mobile No.

(3) _____

Signature (with Seal of the Finance Officer/

Auditor/Accounts Officer)

(If it is Govt./Govt. Aided Institute)

Rubber stamp:

Full Address of CA :

Date:

(4) _____

Signature of Chartered Accountant:

Name of Chartered Accountant:

Membership No:

Annexure – III

INNOVATION CELL

GRANT SUPPORT TO INNOVATIONSUTILIZATION CERTIFICATE

Permanent ID of Institute (if Applicable) :	
Name of Institute/Incubation Unit:	
Name of the Scheme under which Grant sanctioned :	Grant Support to Innovations
Grant Amount Sanctioned:	
Advance Amount Received (1 st Instalment):	

AICTE Sanction Order No. & Date under which Grant was sanctioned	Amount Received (1 st & 2 nd Instalment): (Rs.)	CERTIFICATE
		<p>Certified that out of the Grant of Rs.____(in words) disbursed by the AICTE during the Financial Year _____ as per letter mentioned in the margin, along with interest of Rs._____ accrued on grant, a sum of Rs _____ has been utilized for the purpose for which it was sanctioned.</p> <p>The balance of unutilized amount of Rs._____ to be refunded to AICTE , along with accrued interest of Rs._____ on grant.</p>

Certified that I have satisfied myself that the conditions on which the Grant was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised:

1. Receipt & Expenditure Details & Bills

[Signature of Chartered Accountant]

Name of CA : _____

Membership No. : _____

Full Address : _____

[with seal]

(mandatory for self financing institutes)

[Signature of Head of the Institute/Incubation Unit]

Name : _____

Designation : _____

Full Address : _____

[with seal]

[Signature of the Finance Officer]

Name : _____

Designation : _____

Full Address : _____

[with seal]

(Govt./Govt.Aided/University & whatever applicable)

Place : _____

Date : _____

NIC 2020 final results : Team Qualified for next stage of Financial assessment by Ministry of Education Innovation Cell						
SN	IIC ID	Prototype ID	Institute Name	Team Lead Name	Team Lead Email	Prototype Title
1	IC201810280	47090	Indira Gandhi National Open University	Nandu Surendran S	nandusurendran@outlook.com	OncoSense
2	IC201810352	59404	ARMY INSTITUTE OF TECHNOLOGY	Sahil. S. Uttekar	sahiluttekar4441@gmail.com	Cost effective revival of scrap
3	IC201811217	53298	ATHARVA COLLEGE OF ENGINEERING	Sandeep Vishwakarma	sinu2441@gmail.com	Drishti: smart aid for blind people
4	IC201912524	69924	BAJAJ INSTITUTE OF TECHNOLOGY	Harshal Vilasrao Kotewar	Harshalkotewar1234@gmail.com	Innovative swirl flow LPG burner head
5	IC201810352	55580	ARMY INSTITUTE OF TECHNOLOGY	Pitambar Panda	pitambarrock3112@gmail.com	EXNOS (Modified Vertical Axis Wind Turbine)
6	IC201810207	63212	D.K.T.E. SOCIETYS TEXTILE & ENGINEERING INSTITUTE	Raviraj Prakash Patil	raviraj0096@gmail.com	Smart Weaving Technology
7	IC201810392	66425	PAAVAI ENGINEERING COLLEGE	Nisha N	nishanis1019@gmail.com	SMART IV BOTTLE FOR HEALTH CARE USING ROBOTIC ARM
8	IC201810475	46782	S.R. M INSTITUTE OF SCIENCE AND TECHNOLOGY	Zeeshan Mallick	zeeshan_m@outlook.com	Bio 3D printer
9	IC201912082	65668	Deen Dayal Upadhyaya College	Ashutosh Mishra	iashutosh9119@ieee.org	Implementing AI at the Edge for Blind-Deaf-Dumb: S.E.B.A.I.
10	IC201810191	61886	KONGU ENGINEERING COLLEGE	ARIYA MANICKAM. M	ariyamanickam11122000@gmail.com	Incentivized Tech Bin
11	IC201811012	61644	Savitribai Phule Pune University	Rushikesh Ashok Labade	rushilabade52@gmail.com	Production of Organic Shoe Polish From Waste Banana Peels
12	IC201811401	50782	RAJALAKSHMI ENGINEERING COLLEGE (ENGINEERING & TECHNOLOGY)	Karthikeyan T	ktv0303@gmail.com	SIMMON: AN AUTONOMOUS ROBOT AS ORDER TAKER
13	IC201810842	69015	PSGR KRISHNAMMAL COLLEGE FOR WOMEN	PADMAVATHY V	venkatakrishnan.subramaniam@gmail.com	ARDUINO BASED FOOD GRAIN MONITORING SYSTEM

SN	IIC ID	Prototype ID	Institute Name	Team Lead Name	Team Lead Email	Prototype Title
14	IC201810296	55663	THAKUR COLLEGE OF ENGINEERING & TECHNOLOGY	Vikrant sunder Pal	vikrant.sunder.pal@gmail.com	INCREASING PRODUCTIVITY BY USING MULTI AGRO MECHANISM
15	IC201810250	68180	DR. D. Y. PATIL INSTITUTE OF PHARMACEUTICAL SCIENCES AND RESEARCH	Ms. Vijaya Mandale	asha.thomas@dypvp.edu.in	Heal Magic: Chicken Skin Waste Based Emulgel In Wound Management
16	IC201810128	46372	Amity University Uttar Pradesh	Bilal Nazeer	b_nazeer@ymail.com	Regenerative Clutch System
17	IC201912484	60172	Mumbai Education Trusts College of Pharmacy, Bhujbal Knowledge City, Adgaon , Nashik 422003	Dr. Sanjay J Kshirsagar	sanjayjkshirsagar@gmail.com	Development of surface modified PLGA nanoparticles for non-invasive treatment of diabetic retinopathy
18	IC201912419	65133	TKM College of Engineering , Kollam	Anuvind A	anuvindasokin@gmail.com	SLAM integrated Autonomous UV Disinfecting Robot
19	IC201811069	54874	PTVAS INSTITUTE OF MANAGEMENT	Ravi Ravariya	info@rcuberecycling.com	Waste Printer Cartridge Recycling
20	IC201810082	49939	VEL TECH RANGARAJAN DR.SAGUNTHALA R AND D INSTITUTE OF SCIENCE AND TECHNOLOGY	B V N S PRIYANKA	priyankaboddoju@gmail.com	PORTABLE WATER QUALITY METER THROUGH IOT
21	IC201811141	61934	SRI KRISHNA COLLEGE OF TECHNOLOGY	Vasanth K	17tuee243@skct.edu.in	Eradicating human scavenging
22	IC201912851	63300	M S Engineering College, BANGALORE	Chidhananda.S	shashichidu2000@gmail.com	ArecaNutHarvestingDrone
23	IC201810634	61903	National Institute of Technology	Sparshal Kothari	sparshalkothari2014@gmail.com	Sanjaya _ Braille Interface
24	IC201810445	3666	ST. JOSEPHS COLLEGE OF ENGINEERING	AKASH.M.B	akash.akbm@gmail.com	MICRO LEVEL POWER MANAGEMENT SYSTEM
25	IC201810381	67359	ABES ENGINEERING COLLEGE	Mayankesh Mishra	mayankeshmishra100@gmail.com	Lokrath
26	IC201912061	46187	Mahatma Education Societys Pillai college of Engineering, New Panvel	Manthan Gharat	gharatmansh17ite@student.mes.ac.in	Device for measuring Visual Acuity
27	IC201811616	49280	VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN	Rithika Chandran	rithikachandran98@gmail.com	SUPER SHUFFLING MACHINE

SN	IIC ID	Prototype ID	Institute Name	Team Lead Name	Team Lead Email	Prototype Title
28	IC201811154	57520	SJB INSTITUTE OF TECHNOLOGY	Dr. LAKSHMI.C	clakshmi@sjbit.edu.in	A Sustainable Approach for Producing Bio-fuel Utilizing Withered Flower Waste
29	IC201912415	52074	Bharati Vidyapeeths College of Engineering, Lavale	Shubham Baliram Songire	shubhamsongire@gmail.com	3D Cloth Analysis
30	IC201912619	54117	Jaywant Shikshan Prarsark Mandals Rajarshi Shahu College of Engineering Sr.No.80-2, Pune Mumbai Bypa	Akshay Suresh Mhaske	akshaymhaske8446@gmail.com	ELDERLY CARE SYSTEM [SMART STICK SARTHI]
31	IC201811304	51258	AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY	R.Ranjith	ranjithramesh67@gmail.com	V2 BUDDY THE NURSING ROBOT
32	IC201810583	56411	DR. D. Y. PATIL INSTITUTE OF TECHNOLOGY.	Shreyas Shivajirao Thombare	thombaress2017@gmail.com	PSV A NOVEL MULTIPURPOSE AUTOMATION SYSTEM
33	IC201912495	46401	BVRIT Hyderabad	Sarica. M	17wh1a0422@bvrithyderabad.edu.in	Anegoo
34	IC201810200	56374	MS Ramaiah University of Applied Sciences	KAREN DSOUZA	karendsouza49@gmail.com	MEDIPORT
35	IC201912495	46400	BVRIT Hyderabad	Ms.K.Lakshmi Prasuna	18wh1a0467@bvrithyderabad.edu.in	Fluido Capteur
36	IC201810043	65320	Dr. MGR Educational and Research Institute	R LOGESWARAN	rlogesh72@gmail.com	THERMAL MANAGEMENT SYSTEM FOR ELECTRIC VEHICLE BATTERIES
37	IC201810043	55269	Dr. MGR Educational and Research Institute	S SABARISWARAN	ssabariswaran0@gmail.com	Ergonomic wheelchair for geriatric care
38	MTQ0Mw==	662974	JALPAIGURI GOVERNMENT ENGINEERING COLLEGE	Gurtej Singh Rehal	gurtejrehal@gmail.com	FALCON AI - We make it Crawl
39	IC201811717	70379	DR. VISHWANATH KARAD MIT WORLD PEACE UNIVERSITY	Atharva Barve	atharvabarve24@gmail.com	The Third Eye
40	IC201912724	48903	VIVEKANANDA INSTITUTE OF PROFESSIONAL STUDIES- TECHNICAL CAMPUS	Rameet Singh Sachar	rameet092@gmail.com	Alzheimer Band
41	IC201912408	49654	Meghnad Saha Institute of Technology 142	Ankita Paul	majumdararijit15@gmail.com	SNH Robot

SN	IIC ID	Prototype ID	Institute Name	Team Lead Name	Team Lead Email	Prototype Title
42	IC201811089	64502	SRI SAI RAM INSTITUTE OF TECHNOLOGY	ANOOJ M	anoojm92@gmail.com	AUTOMATED LOAD CARRYING ELECTRIC VEHICLE
43	IC201811436	59767	HYDERABAD INSTITUTE OF TECHNOLOGY AND MANAGEMENT	Alankar Achadian	alankaranil999@gmail.com	Solar Aqua Skimmer
44	IC201811654	61796	KKR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES	SK. IBRAHIM KHALILULLA	khaliilshaik045@gmail.com	EYEDEEP
45	IC201810565	65081	PRINCE SHRI VENKATESHWARA PADMAVATHY ENGINEERING COLLEGE	GANESH A	ganesha082001@gmail.com	Rudh-Astra
46	IC201810674	68200	KUMARAGURU COLLEGE OF TECHNOLOGY	Aishwarya G	aishwarya.19.2@protosem.tech	Energeia - Smart Factory Energy Management
47	IC201810156	62207	KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION	Shanmugananthini.K	nandhini091199@gmail.com	DESIGN AND DEVELOPMENT OF MUSCLE STIMULATION FOR CERVICALGIA PATIENT USING WEARABLE BELT
48	IC201810255	69463	Indian Institute of technology Kharagpur	Krishna Chaitanya Sunka	chaitanyabright@gmail.com	Bioresorbable Fiber Reinforced Hydrogel Keratoprosthesis for End-stage Corneal Blindness
49	IC201811190	60078	CMR INSTITUTE OF TECHNOLOGY	AKHILESH V BELLAD	akve16ee@cmrit.ac.in	Economical Automated Guided Vehicle (AGV)
50	IC201810283	68587	MUZAFFARPUR INSTITUTE OF TECHNOLOGY, MUZAFFARPUR	Ayush Kumar	mailayushanytime@gmail.com	Smart Healthcare device for monitoring Saline level
51	IC201811304	51269	AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY	S.Sivaranjani	sivaranjanishanmuga@gmail.com	BATTERY LESS UPS SYSTEM USING A MECHANICAL FLY WHEEL
52	IC201810178	55413	Motilal Nehru National Institute of Technology Allahabad	Neeraj Balani	neerajbalani89@gmail.com	Two Seater Hybrid Electric Bike with Real Time Position Monitoring and Alcohol Sensing
53	IC201912410	60898	Indian Institute of Technology, Dharwad	Aman Singal	180030004@iitdh.ac.in	Patient Transfer Device
54	IC201912710	51431	Netaji Subhash Engineering College 109	Damini Ghosh	daminighosh2@gmail.com	Energy Saver

SN	IIC ID	Prototype ID	Institute Name	Team Lead Name	Team Lead Email	Prototype Title
55	IC201810299	64839	National Institute of Technology Karnataka, Surathkal	Aditi Gupta	guptaaditi1709@gmail.com	BitBus
56	IC201811269	64789	UNIVERSITY OF HYDERABAD	Aayush Pandey	aayushpandey113@gmail.com	Secure EHR- DIGITALIZATION Of Medical Records Via Blockchain
57	IC201810455	64497	SRI ESHWAR COLLEGE OF ENGINEERING	Prahal Nath K	prahalnathk@gmail.com	Object detection for surveillance using IOT
58	IC201810163	51570	PRIYADARSHINI J. L. COLLEGE OF PHARMACY	Kumar Pratyush	kumar.pratyush29@gmail.com	PAC Solution : A Protective Cover
59	IC201810832	46067	ACROPOLIS INSTITUTE OF TECHNOLOGY AND RESEARCH	Sarthak Parakh	sarthakparakh@gmail.com	Identification of Plant Diseases
60	IC201912634	55343	Techno India 130	Sougata Konar	sougatakonar99@gmail.com	Edlox
61	IC201912471	61173	TRP Engineering College (New)	Sivakumar S	sivakumar0646@gmail.com	Automation in Intravenous Drip System
62	IC201912912	64778	Mohamed Sathak A.J. College of Engineering	Azbaq Meeran F	azbaqfarook@gmail.com	Borewell rescue system
63	IC201811546	65318	DR BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY LONERE	Sanket Sadashiv Kumbhar	sanket004797@gmail.com	Collapsible, Adjustable and Convertible motorcycle helmet
64	IC201811717	56656	DR. VISHWANATH KARAD MIT WORLD PEACE UNIVERSITY	Kanak Kawadiwale	kanakkawadiwale@gmail.com	Hyper Secure Messaging application for closed group communication using Quantum Cryptography and Artificial Intelligence
65	IC201811168	46424	ABES INSTITUTE OF TECHNOLOGY	nipun tyagi	nipuntyagi23@gmail.com	Accident Care System (ACS)
66	IC201810796	60291	SHAH AND ANCHOR KUTCHHI ENGINEERING COLLEGE	Rohit Gupta	guptarohit9428@gmail.com	Eye Controlled Wheelchair using raspberry Pi
67	IC201810662	56630	MVJ COLLEGE OF ENGINEERING	Pavan A	a.pavanreddy.pavan@gmail.com	ACOUSTIC AGRICULTURE
68	IC201810371	49447	SRI VENKATESWARA COLLEGE OF ENGINEERING	Karthik Rajagopal	karthikrajagopal2002@gmail.com	Electric line leakage detection
69	IC201810345	58737	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	Kavusika C	kavusika.ee18@bitsathy.ac.in	Novel Individual Solar Panel Failure Monitoring in Array

SN	IIC ID	Prototype ID	Institute Name	Team Lead Name	Team Lead Email	Prototype Title
70	IC201912275	20495	Rajiv Gandhi College of Engineering and Technology	V. Nikhil Tej	nickelthej@gmail.com	Drone delivery using smart Inbox
71	IC201810669	46528	KCG COLLEGE OF TECHNOLOGY	Pelluru sai sushma	pellurusaisushma@gmail.com	Solar powered smart irrigation system
72	IC201810280	47091	Indira Gandhi National Open University	Kailash Kumar	kkailasha4@gmail.com	Eye Rotation Pendulum
73	IC201811481	48369	Parul University	Mann Dave	mandave252@gmail.com	AR Cards - An Augmented
74	IC201810095	59836	INSTITUTE OF ENGINEERING AND MANAGEMENT JAIPUR	Sougata Banerjee	sb.9775153675@gmail.com	Jigsaw Brick
75	IC201810082	50239	VEL TECH RANGARAJAN DR.SAGUNTHALA R AND D INSTITUTE OF SCIENCE AND TECHNOLOGY	K.CHANDAN SAI	vtu10202@veltechuniv.edu.in	DEVELOPMENT OF FLEXIBLE GRAPHENE ANTENNA FOR MULTI DIRECTIONAL UAV APPLICATIONS
76	IC201810197	50605	SNS COLLEGE OF TECHNOLOGY	SINDUJA R	rsinduja1999@gmail.com	PRAN (Pressure Regulated Air by iNvasive) Ventilation
77	IC201810140	58975	ENTREPRENEURSHIP DEVELOPMENT INSTITUTE OF INDIA	Havyas K S	havyaskudupaje17@gmail.com	Coffer (Coffee Harvester)
78	IC201810340	52986	NALANDA COLLEGE OF ENGINEERING, CHANDI	MANISH BIBHU	manishbibhu.krishna@gmail.com	Glowing a Rechargeable LED Light from the use of Water-Tap.
79	IC201810466	64252	DR.MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY	VISHNU RAJ R	rvishnuraj077@gmail.com	Valar Kaalan
80	IC201811244	70207	VISHWAKARMA INSTITUTE OF INFORMATION TECHNOLOGY	Suyash Rajendra Chougule	suyash.17u567@viit.ac.in	Real Time Social Distancing Monitor
81	IC201811495	55200	SETHU INSTITUTE OF TECHNOLOGY	Jancy Angel M	linoshelim@gmail.com	Epilepsy Detection (seizure detecting watch)
82	IC201810917	64523	KALINGA INSTITUE OF INDUSTRIAL TECHNOLOGY	Kumarjit Das	1860096@kiitbiotech.ac.in	Self Urinary disease detection System
83	IC201912182	30120	Acropolis Institute of Pharmaceutical Education & Research, Khasra No. 283/3, Indore Bypass Road, Ne	Raveena Panchal	raveenapanchalbph17@acropolis.edu.in	Making of Wrist Band for Geriatric Patients Care
84	IC201912484	56958	Mumbai Education Trusts College of Pharmacy, Bhujbal Knowledge City, Adgaon , Nashik 422003	Dr Nilima Thombre	nilimat_iop@bkc.met.edu	Orohygiene multiherb pastilles for plaque induced gingivitis and periodontitis

SN	IIC ID	Prototype ID	Institute Name	Team Lead Name	Team Lead Email	Prototype Title
85	IC201810225	64242	PRASAD V POTLURI SIDDHARTHA INSTITUE OF TECHNOLOGY	M. Jo Babu	jobabumattapudijo@gmail.com	Piezoelectricity for locomotives, renewable energy generated by using the pressure between wheel and track
86	IC201811118	64525	SINHGAD TECHNICAL EDUCATION SOCIETYS SINHGAD COLLEGE OF PHARMACY	Mr. Amit Parihar	pariharamit08@gmail.com	MedGum
87	IC201811883	52904	SRI RAMAKRISHNA ENGINEERING COLLEGE	Logesh M K	logeshmk02121998@gmail.com	Smart Fleet and Cargo Management System for Trucks
88	IC201811222	52137	Banaras Hindu University Varanasi	Shresth	bhulegalaidclinic@gmail.com	National Free Legal Aid & Legal Services Portal (Legal Aid Portal)
89	IC201810352	51826	ARMY INSTITUTE OF TECHNOLOGY	Sagar Vats	ssv0726@gmail.com	Innovation in Payment Technology
90	IC201811515	62069	SREENIDHI INSTITUTE OF SCIENCE & TECHNOLOGY	Katkam Ashutosh	katkamashutosh@gmail.com	New-Gen Faucet
91	IC201810258	50221	Mount Carmel College, Autonomous	Aiswarya Sathian	sathianaiswarya@gmail.com	Nanoseal- technology within you
92	IC201810216	50893	Indian Institute of Engineering Science and Technology- Shibpur	Gourab Banerjee	banerjeegourab0@gmail.com	Sensing of stress on flyovers and give a warning if the situation turns (stress Limits) abnormal
93	IC201912897	62925	Adi Shankara Institute of Engineering and Technology, Sankar Nagar, Mattoor, Kalady-683 547	Devika Krishnakumar Menon	devumenon2001@gmail.com	Automated Egg incubator using E-waste
94	IC201912186	64501	REVA UNIVERSITY, BANGALORE	M Vijay Bhargav Reddy	vbreddy804@gmail.com	AgriBot
95	IC201912671	64532	All India Shri Shivaji Memorial Society College of Engineering	Anurag Ramrao Lambor	anuraglambor25599@gmail.com	UVC Blaster

SN	IIC ID	Prototype ID	Institute Name	Team Lead Name	Team Lead Email	Prototype Title
96	IC201811089	45239	SRI SAI RAM INSTITUTE OF TECHNOLOGY	SUBASREE	i6ec002@sairamtap.edu.in	RIVER POLLUTION CONTROL SYSTEM THROUGH EFFECTIVE MONITORING OF INDUSTRIAL EFFLUENT DISCHARGE
97	IC201912484	59517	Mumbai Education Trusts College of Pharmacy, Bhujbal Knowledge City, Adgaon , Nashik 422003	Dr.Gitanjali S. Deokar	deokargs@gmail.com	Prototype soft films and capsule shell preparations using natural seed components/polysaccharides.
98	IC201810258	48377	Mount Carmel College, Autonomous	Vaishnavi Anand	vaishnavianand01@gmail.com	Organic polymer free Sanitary napkin
99	IC201912314	62807	Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	Rajashri Turak	rajashriturak@gmail.com	EDIBLE FILMS FOR PACKAGING FROM POLYSACCHARIDE AND PROTEINS
100	IC201811209	56034	Holy Cross College, Tiruchirappalli	S. Hafila Khairun	hafilakhirun@gmail.com	Swachata Sewormtricity
101	MTU1NA==	663085	JAGRAN LAKECITY UNIVERSITY, BHOPAL	Akshat	akshatbahety@gmail.com	IndiAuth - Authentication System for Documents powered by AI
102	IC201810033	70108	GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING	Adari Lakshmi Jagan Kanth	jagankanth5@gmail.com	Mechanical Hand Exo-Skeleton Drafter
103	IC201811116	27655	KMEA ENGINEERING COLLEGE	NIRMAL DOROTHY	nirmal.dorothy@gmail.com	AUTOMATED QUALITY ASSESSMENT USING DIGITAL IMAGE PROCESSING
104	IC201811435	58554	Manipal Academy of Higher Education	MAHIMA MISHRA	mahimaslg@gmail.com	Design and Development of a Dental Aerosol Evacuator
105	IC201810641	68172	UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY	Ishank Bansal	bansalishank29@gmail.com	Filament Wire Extrusion Machine (FEM)
106	IC201912231	47533	Patna Women's College	Noor Fatima	n.noorfatima2016@gmail.com	Safelett : Safety Bracelett for womens

SN	IIC ID	Prototype ID	Institute Name	Team Lead Name	Team Lead Email	Prototype Title
107	IC201912626	48106	Jaypee Institute of Information Technology, Noida	Varnit Goswami	goswamivarnit@gmail.com	Smart Soil Health Monitor and Analysis Device
108	IC201810082	49935	VEL TECH RANGARAJAN DR.SAGUNTHALA R AND D INSTITUTE OF SCIENCE AND TECHNOLOGY	N.BHARGAV CHAITANYA	vtu9131@veltechuniv.edu.in	WATER QUALITY MONITORING SYSTEM USING IOT
109	IC201810172	63336	TECHNO INDIA UNIVERSITY, WEST BENGAL	Avishek Das	avishek07.ds@gmail.com	Interactive Dashboard for Covid-19 in India with real time data, represented in the form of graphs and charts, deployed through a Web Application
110	IC201810172	68170	TECHNO INDIA UNIVERSITY, WEST BENGAL	prabir kundu	kunduprabir25@gmail.com	Low cost self built sterilised Self-Insulation Room for indoor use only
111	IC201912939	62754	Malwa Institute of Technology, Village Nipani, Bypass Road, Opp, D.P.S., Indore "	Mr.APURV SHARMA	sharmaapurv99@gmail.com	AI driven Smart Metering Infrastructures (Smart Meters & Smart Grids)
112	IC201811153	65455	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD	Nishit Reddy	imnishitreddy@gmail.com	Monstograin
113	IC201912186	64545	REVA UNIVERSITY, BANGALORE	Adithya Ballaji	adithya.ballaji@reva.edu.in	DC LED Bulbs
114	IC201810533	65696	KARPAGAM ACADEMY OF HIGHER EDUCATION	S.Kavin Visak	sunramlec@gmail.com	A novel and cost-effective method for fabrication of Natural fibre reinforced\nComposites
115	IC201810252	59617	R.M.K. ENGINEERING COLLEGE	Mohammed Hashim	moha18203.ei@rmkec.ac.in	Face Mask Detector and Alert system using Machine Learning
116	IC201810412	58553	PSG COLLEGE OF TECHNOLOGY	ANISHA C.D	ani.c.dass@gmail.com	Mind Controlled Prosthetic Arm for the Upper Limb Amputees
117	IC201810911	63995	Noorul Islam Centre for Higher Education	KARTHIKEYAN C	karthikeyan27.11.2001@gmail.com	MULTIPURPOSE AGRICULTURE ROVER (AGROVER)

SN	IIC ID	Prototype ID	Institute Name	Team Lead Name	Team Lead Email	Prototype Title
118	IC201811118	65700	SINHGAD TECHNICAL EDUCATION SOCIETYS SINHGAD COLLEGE OF PHARMACY	Ms. Pooja Sawant	sawantpooja2727@gmail.com	Embelia: A Herbal Anthelmintic Suspension for Infants
119	IC201810168	70484	B S A CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY	Adithya M	Adithya300800@gmail.com	Agriculture Robot
120	IC201811156	50245	SRI SAI RAM ENGINEERING COLLEGE	G.Srivarshan	rockysrivarshan2000@gmail.co m	SPY THEFT DETECTOR
121	IC201810175	67957	National Institute of Technology Raipur	Ashish Sharma	ashishsharma8231@gmail.com	Vitiligo Surgery Device
122	IC201810669	64269	KCG COLLEGE OF TECHNOLOGY	J HEXIN JOSEPH	hexinjoseph@gmail.com	AGROBOTS IN TOMATO FARMS
123	IC202014163	57762	Indian Institute of Technology, Guwahati	Sapunii Sebastian	sapusebastian@gmail.com	Development of Gender Friendly Paddy Weeder Suitable for Hill Agriculture
124	IC201810477	53322	KLE TECHNOLOGICAL UNIVERSITY	Namratha Hegde	namitha.namratha@gmail.com	Development of herbal formulation/active metabolites from plant source as anticancer agent.
125	IC201811040	50742	FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING	Mayank Tanna	mayank.n.tanna@gmail.com	IoT based Solar-Powered Smart Bag for Women's Safety Along with Air Purification System
126	IC201810343	68604	PIMPRI CHINCHWAD COLLEGE OF ENGINEERING	Disha Kolte	dishask3@gmail.com	Automatic Trash Collector
127	IC201811433	64196	UNIVERSITY OF ENGINEERING AND MANAGEMENT KOLKATA	Soham Chakraborty	sohamsonu25@gmail.com	SOLIBOAN

Note: Due care has been taken in preparing the results, any discrepancy in details should be brought to the notice of MIC asap.



List of Innovation Teams Selected for Grant Support with Incubation Linkage (Published Date - 18th Nov. 21)

S.No	Application ID	Program Name	Innovation/ Startup Name	Grant Amount in Rs.	Institute ID	Institute Name	Institute State
1	57762	NIC 2020	Development of Gender Friendly Paddy Weeder Suitable for Hill Agriculture	680000.00	IC202014163	Indian Institute of Technology	Assam
2	68172	NIC 2020	Filament Wire Extrusion Machine (FEM)	550000.00	IC201810641	Universal Institute of Engg. & Technology	Chandigarh
3	47090	NIC 2020	OncoSense	700000.00	IC201810280	Indira Gandhi National Open University	Delhi
4	58975	NIC 2020	Coffer (Coffee Harvester)	610000.00	IC201810140	ENTREPRENEURSHIP DEVELOPMENT INSTITUTE OF INDIA	Gujarat
5	56630	NIC 2020	ACOUSTIC AGRICULTURE	500000.00	IC201810662	M V J College of Engineering	Karnataka
6	50221	NIC 2020	Nanoseal- technology within you	117000.00	IC201810258	Mount Carmel College	Karnataka
7	48377	NIC 2020	TWACHA (Organic,harmful polymer free Sanitary Napkin)	410000.00	IC201810258	Mount Carmel College	Karnataka
8	57520	NIC 2020	A Sustainable Approach for Producing Bio-fuel Utilizing Withered Flower Waste	300000.00	IC201811154	S J B Institute of Technology	Karnataka
9	58554	NIC 2020	Design and Development of a Dental Aerosol Evacuator	550000.00	IC201811435	Manipal Academy of Higher Education	Karnataka
10	60898	NIC 2020	Patient Transfer Device	600000.00	IC201912410	Indian Institute of Technology	Karnataka
11	53322	NIC 2020	Development of herbal formulation/active metabolites from plant source as anticancer agent.	600000.00	IC201810477	KLE TECHNOLOGICAL UNIVERSITY	Karnataka
12	65133	NIC 2020	SLAM integrated Autonomous UV Disinfecting Robot	500000.00	IC201912419	TKM College of Engineering	Kerala
13	62754	NIC 2020	AI driven Smart Metering Infrastructures (Smart Meters & Smart Grids)	200000.00	IC201912939	Malwa Institute of Technology	Madhya Pradesh
14	663085	SIH	IndiAuth - Authentication System for Documents powered by AI	170000.00	MTU1NA==	Jagran Lakecity University	Madhya Pradesh
15	55663	NIC 2020	INCREASING PRODUCTIVITY BY USING MULTI AGRO MECHANISM	880000.00	IC201810296	Thakur College of Engineering & Technology	Maharashtra
16	663343	Yukti 2.0	AUTOMATIC SUGARCANE CUTTER WITH BUD DETECTION	215000.00	Yukti-C-41620MH005	Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering & Technology	Maharashtra
17	663283	Yukti 2.0	Garbage Picking Machine	900000.00	Yukti-C-18817MH007	G. H. Raisoni College of Engineering	Maharashtra
18	55580	NIC 2020	EXNOS (Modified Vertical Axis Wind Turbine)	350000.00	IC201810352	Army Institute of Technology	Maharashtra
19	54874	NIC 2020	Waste Printer Cartridge Recycling	500000.00	IC201811069	PARLE TILAK VIDYALAYA ASSOCIATIONS INSTITUTE OF MANAGEMENT	Maharashtra
20	68180	NIC 2020	Heal Magic: Chicken Skin Waste Based Emulgel In Wound Management	463500.00	IC201810250	DR. D. Y. PATIL INSTITUTE OF PHARMACEUTICAL SCIENCES AND RESEARCH	Maharashtra
21	51826	NIC 2020	Innovation in Payment Technology	300000.00	IC201810352	Army Institute of Technology	Maharashtra
22	56656	NIC 2020	Hyper Secure Messaging application for closed group communication using Quantum Cryptography and Artificial Intelligence	400000.00	IC201811717	Dr. Vishwanath Karad MIT World Peace University	Maharashtra
23	63212	NIC 2020	Smart Weaving Technology	113000.00	IC201810207	Textile & Engineering Institute	Maharashtra
24	69924	NIC 2020	Innovative swirl flow LPG burner head	300000.00	IC201912524	BAJAJ INSTITUTE OF TECHNOLOGY	Maharashtra
25	53298	NIC 2020	Drishhti: smart aid for blind people	250000.00	IC201811217	Atharva Educational Trusts College of Engineering	Maharashtra
26	64523	NIC 2020	Self Urinary disease detection System	189000.00	IC201810917	Kalinga Institute of Industrial Technology	Odisha
27	65081	NIC 2020	Rudh-Astra	300000.00	IC201810565	Prince Shri Venkateshwara Padmavathy Engineering College	Tamil Nadu
28	51269	NIC 2020	BATTERY LESS UPS SYSTEM USING A MECHANICAL FLY WHEEL	400000.00	IC201811304	Aarupadai Veedu Institute of Technology	Tamil Nadu
29	56034	NIC 2020	Swachata Sewormtricity	500000.00	IC201811209	Holy Cross College (Autonomous), Tiruchirappalli	Tamil Nadu

List of Innovation Teams Selected for Grant Support with Incubation Linkage (Published Date - 18th Nov. 21)

S.No	Application ID	Program Name	Innovation/ Startup Name	Grant Amount in Rs.	Institute ID	Institute Name	Institute State
30	3666	NIC 2020	MICRO LEVEL POWER MANAGEMENT SYSTEM	300000	IC201810445	St. Joseph's College of Engineering	Tamil Nadu
31	65320	NIC 2020	ADVANCED THERMAL MANAGEMENT SYSTEM FOR ELECTRIC VEHICLE BATTERIES	700000.00	IC201810043	M.G.R. Educational and Research Institute	Tamil Nadu
32	49280	NIC 2020	SUPER SHUFFLING MACHINE	650000.00	IC201811616	Vivekanandha College of Engineering for Women (AUTONOMOUS)	Tamil Nadu
33	46782	NIC 2020	Kreator3d Biotech	800000.00	IC201810475	S.R.M. Institute of Science & Technology	Tamil Nadu
34	55269	NIC 2020	Ergonomic wheelchair for geriatric care	875000.00	IC201810043	M.G.R. Educational and Research Institute	Tamil Nadu
35	58553	NIC 2020	Mind Controlled Prosthetic Arm for the Upper Limb Amputees	400000.00	IC201810412	PSG College of Technology	Tamil Nadu
36	66425	NIC 2020	SMART IV FLUID BOTTLE FOR HEALTH CARE USING ROBOTIC ARM	500000.00	IC201810392	Paavai Engineering College	Tamil Nadu
37	65455	NIC 2020	Monstograin	215000.00	IC201811153	Jawaharlal Nehru Technological University	Telangana
38	46400	NIC 2020	Fluido Capteur	295000.00	IC201912495	BVRIIT Hyderabad College of Engineering for women.	Telangana
39	62069	NIC 2020	New-Gen Faucet	400000.00	IC201811515	Sreenidi Institute of Science & Technology	Telangana
40	64789	NIC 2020	Secure EHR- DIGITALIZATION Of Medical Records Via Blockchain	300000.00	IC201811269	University of Hyderabad	Telangana
41	663193	Yukti 2.0	Suitcase Water Purifier	400000.00	Yukti-MIND 1595426019	Central University of Tripura	Tripura
42	663293	Yukti 2.0	Contactless Interactive Panel	500000.00	Yukti-C-49299UP001	National Institute of Electronics and Information Technology	Uttar Pradesh
43	663309	Yukti 2.0	Doubtbuddy	600000.00	Yukti-UP145	Doubtbuddy	Uttar Pradesh
44	46372	NIC 2020	Regenerative Clutch System	950000.00	IC201810128	Amity University	Uttar Pradesh
45	51431	NIC 2020	Energy Saver	200000.00	IC201912710	Netaji Subhash Engineering College	West Bengal

BIT's
Innovation and
Startup Policy



Shiksha Mandal's

Bajaj Institute of Technology, Wardha

(Affiliated to DBATU, Lonere, Raigad, Maharashtra)



INNOVATION and STARTUP Policy 2021

(for Students, Faculty and Staff)

Bajaj Institute of Technology,

Arvi Road, Pipri, Wardha-442001

Maharashtra, INDIA



Shiksha Mandal's

Bajaj Institute of Technology, Wardha

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INNOVATION and STARTUP Policy 2021

(for Students, Faculty and Staff)

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Shiksha Mandal's

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Preamble

In November 2016, All India Council of Technical Education (AICTE) released a Startup Policy document for AICTE approved institutions, to address the need of inculcation of innovation and entrepreneurial culture in higher education institutions (HEIs). The policy primarily focused on guiding the AICTE approved institutions in implementing 'Startup Action Plan' of Government of India. Subsequent to release of the Startup policy by AICTE and further interaction & feedback received from education institutions, a need was felt for a more elaborate and comprehensive policy guiding document, which could be applicable for all the HEIs in India. This leads to formation of NISP.

In this context, BIT has constituted a committee to formulate the Innovation and Start up Policy document which will act as a guideline for all the stakeholders.



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Vision



To encourage and foster the promising young souls to take up entrepreneurship as a preferred career option.

Mission



- To motivate and encourage the stakeholders to take up entrepreneurship as a career option.
- To provide sufficient infrastructural support to boost the eco system.
- To support all the stakeholders to protect intellectual property rights, technology licensing and equity-based sharing in establishment of start-ups.



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Committee Members



In February 2019, Ministry of Human Resource Development (MHRD) along with AICTE Innovation Cell (MIC) released the National Innovation and Start-up Policy 2019 (NISP-2019) for students and faculty of HEIs. Based on NISP 2019, Bajaj Institute of Technology Wardha, wish to formulate a start-up policy for students, faculty and staff members.

Following committee will work for its formulation and implementation. The ultimate aim of framing this policy is to create a strong ecosystem for the benefit of all the stakeholders.

S. No	Name of Committee Member	Designation	
1	Dr. N.M. Kanhe	Chairman	Principal
2	Dr. M.D. Pasarkar	Convener	NISP-Cordinator
3	Dr. S.M. Mahajan	Coordinator	IIC -Coordinator
4	Prof. P.S. Kulkarni	Member	IQAC- Coordinator
5	Mr. Anand Kale	Member	Management Representative
6	Mr. Vaibhav Dhondrikar	Member	Industry Representative
7	Mr. Aniruddha Marothiya	Member	T & P Representative
8	Mr. Sandesh Jain	Member	Member-IIC
9	Dr. Jayesh Ruikar	Member	Member-IIC



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Objectives

1. To prepare policy document and norms for start-ups.
2. To device strategic action plan for 2021-2026.
3. To organize various training programmes.
4. To encourage faculty members to apply for funding from government agencies such as DST, DBT, MHRD, AICTE, CSIR, Startup India, Invest India, MeitY, MSDE, MSME etc. as well as non-government organizations.
5. To mentor the students to develop creative ideas and apply for various competitions outside.



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Short Term Goals

Short term
GOALS
lead to
long term
SUCCESS!

- To identify and collaborate with organizations to promote innovation and entrepreneurship activities within the institute.
- To arrange expert sessions on various techniques such as decision making, time management etc. to encourage the stakeholders.
- To organize motivational talks and sharing of success stories to boost their confidence.
- To conduct training courses on capacity building, entrepreneurship and arrange field visits for exposure to real world.
- To encourage the stakeholders for identifying and undertaking the community-based projects for the betterment of society.
- To formulate Institute level cell for identifying the low-cost project ideas which require less investment but are innovative and can be protected through intellectual property rights.
- To establish dedicated Innovation and Start-up Cell with defined objectives and required infrastructure.



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Long Term Goals



- To provide a strong technical back up to all the stakeholders for converting ideas into reality.
- To encourage stakeholders to apply for various funding opportunities from government, non-government agencies and private corporate houses under their CSR activities.
- To develop an entrepreneurship culture in the vicinity which includes regional, social and community level.
- To collaborate with strategic partnerships at national and international level.



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Action Plan (2021-2026)



S. No	Activity	Target per year	Total (21-26)
	Formation of Innovation Council and IPR Cell		
1.	Collaborations/Tie Ups/MoU's	1	5
2.	Motivational Talk Series	5	25
3.	Training Courses	2	10
4.	Community Based Projects	3	15
5.	Field visits or Virtual Tours	2	10
6.	Identification of less investment projects for start ups	1	5
	Total Activities	14	70





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Key Performance Indicators (KPI) and Impact Assessment:

The various parameters considered as KPI are as follows:

1. Number of MoUs signed for collaborations under IIC.
2. Feedback from the participants attended various training programmes.
3. Participation in the training programmes and motivational talk series.
4. Number of industrial visits, virtual tours organized and number of participants attended.
5. Utilization of the infrastructural facilities for developing the prototype and testing.
6. Total number of projects submitted as community projects throughout the year.
7. Total projects submitted under 'less investment' startups.
8. Participation in various competitions like CVA, Hackathon etc.
9. Number of proposals submitted under various research grants agencies.
10. Number of intellectual property rights filed throughout the year.

Dr. M.D. Pasarkar
(NISP-Coordinator)
Prepared By

Dr. N.M. Kanhe
(Principal)
Approved By

Patents Filed / Granted



**INTELLECTUAL
PROPERTY INDIA**

PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS



सत्यमेव जयते

भारत सरकार
GOVERNMENT OF INDIA

पेटेंट कार्यालय
THE PATENT OFFICE

पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
(Rule 74 Of The Patents Rules)

क्रमांक : 022114345
SL No :



पेटेंट सं. / Patent No. : 373986
आवेदन सं. / Application No. : 201621026430
फाइल करने की तारीख / Date of Filing : 03/08/2016
पेटेंटी / Patentee : 1.Dr. Yogesh Madan Puri 2.Vikas Gohil

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित METHOD AND APPARATUS FOR ELECTRICAL DISCHARGE TURNING नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 3rd day of August 2016 से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled METHOD AND APPARATUS FOR ELECTRICAL DISCHARGE TURNING as disclosed in the above mentioned application for the term of 20 years from the 3rd day of August 2016 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 06/08/2021
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 3rd day of August 2018 को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।

Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 3rd day of August 2018 and on the same day in every year thereafter.



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Ministry of Commerce & Industry,
Government of India

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(<http://ipindia.nic.in/index.htm>)

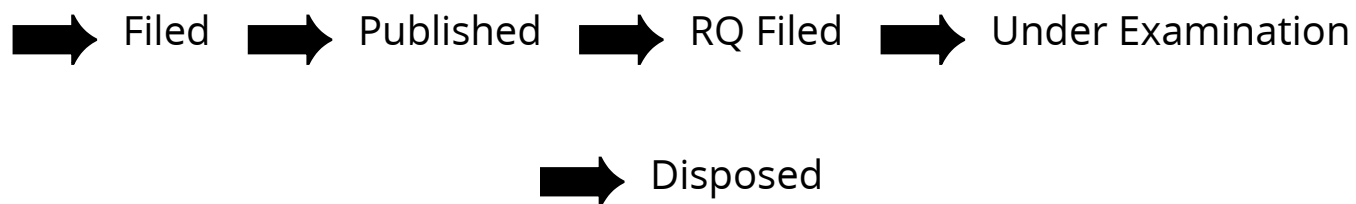
Application Details

APPLICATION NUMBER	202121032513
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	20/07/2021
APPLICANT NAME	1 . NAKHALE, Tanay Munna 2 . CHORE, Tanushree Vivek 3 . JETHWA, Palak Deepak 4 . DHALE, Kishita Hansraj 5 . DALVI, Harshit Sudhir
TITLE OF INVENTION	A SYSTEM FOR AUTOMATED OPENING OF BOOT LID OF TWO WHEELER VEHICLE
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	infobli100@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sjgawande@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	27/01/2023

Application Status

APPLICATION STATUS	Awaiting Request for Examination
--------------------	---

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Welcome Harshit Sudhir Dalvi

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G.A.R.6
[See Rule 22(1)]
RECEIPT



Docket No 14083

Date/Time 2023/02/03 16:13:26

Harshit Sudhir Dalvi 45 Friends
Cooperative Housing Society
Opposite Ravindra Nagar Fourth
Lay out, Behind Radhe Mangalam
Hall Email:
harshitalvi1974@gmail.com

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Form Name	Fee Payment	Remarks
1	202321006994	TEMP/E-1/8392/2023-MUM	1600	9118	FORM 1	Full	Automated Solar Powered Food Dehydrator

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0001094189	Online Bank Transfer	0302230022305	1600.00	1475001020000001

Total Amount : ₹ 1600.00

Amount in Words: Rupees One Thousand Six Hundred Only

Received from Harshit Sudhir Dalvi the sum of ₹ 1600.00 on account of Payment of fee for above mentioned Application/Forms.

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Docket No 1025

Date/Time 2023/01/05 11:21:17

Partha Sarathi Subudhi Department
of Electrical Engineering, Bajaj
Institute of Technology Email:
partharesearch.vit@gmail.com

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Form Name	Fee Payment	Remarks
1	202321001006	TEMP/E-1/896/2023-MUM	1760	483	FORM 1	Full	MULTI-COIL CONTACTLESS CHARGER FOR CHARGING MULTIPLE ELECTRIC VEHICLES SIMULTANEOUSLY

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0001079312	Online Bank Transfer	0501230004668	1760.00	1475001020000001

Total Amount : ₹ 1760.00

Amount in Words: Rupees One Thousand Seven Hundred Sixty Only

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Docket No 1175

Date/Time 2023/01/05 17:11:32

Partha Sarathi Subudhi Department
of Electrical Engineering, Bajaj
Institute of Technology Email:
partharesearch.vit@gmail.com

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Form Name	Fee Payment	Remarks
1	202321001113	TEMP/E-1/1057/2023-MUM	1920	556	FORM 1	Full	SMART CONTACTLESS AUTONOMOUS CHARGER FOR ELECTRIC VEHICLES

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0001079611	Online Bank Transfer	0501230022608	1920.00	1475001020000001

Total Amount : ₹ 1920.00

Amount in Words: Rupees One Thousand Nine Hundred Twenty Only

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Application Details

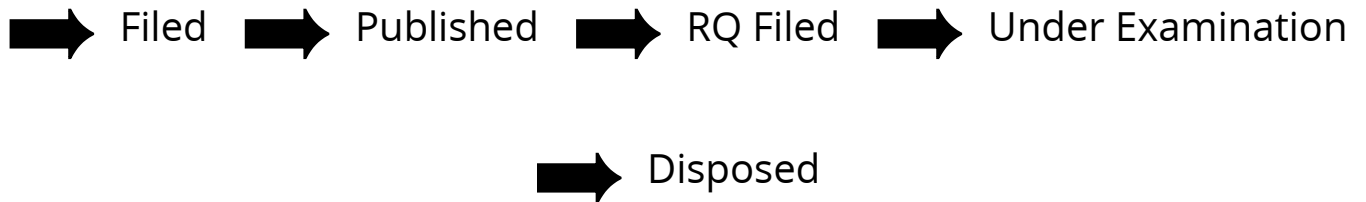
APPLICATION NUMBER	202321052089
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	02/08/2023
APPLICANT NAME	1 . Ruikar Jayesh Deorao 2 . Jain Sandesh Devendra 3 . Pawan Ashokkumar Chandak 4 . Rahul Somalwar 5 . Suryawanshi Shraddha Namdeo 6 . Ambade Surbhi Sanjiv 7 . Khode Vedanti Dinesh 8 . Hiswankar Shubhankar Sanjay
TITLE OF INVENTION	AN AUTOMATED WHEEL HEALTH MONITORING AND ALERT SYSTEM AND A METHOD FOR THE SAME
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	mail@ideas2ipr.com
ADDITIONAL-EMAIL (As Per Record)	mail@ideas2ipr.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	05/10/2023
PUBLICATION DATE (U/S 11A)	29/09/2023
REPLY TO FER DATE	11/01/2024

Application Status

APPLICATION STATUS

Reply Filed. Application in amended examination

[View Documents](#)



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SMART INDIA HACKATHON 2022

Selection of 20
Teams in Grand
Finale & Winning
Certificate of 6
Teams

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Smart India Hackathon 2022

Teams Participating in Software Edition Grande Finale

Sr. No.	PSID	Problem Statement	IDEA ID - TEAM NAME	Team	Department
1.	SS597	Flood inundation probability mapping Development of image processing-based approach to estimate flood inundation probability by utilizing multiple satellite images from microwave and optical sensors. For datasets and additional information, please visit https://vedas.sac.gov.in/en/sih2022.html	28572 - Salvador	Rutuja Ghawghawe	Computer Engineering
				Anurag Mude	Civil Engineering
				Dipak Matte	Computer Engineering
				Nikhil Dhage	Computer Engineering
				Yogesh Bhise	Civil Engineering
				Aniket Kadukar	Civil Engineering
2.	AK1110	Creation of a GIS-based National Inventory of Sports Infrastructure	29245 - Code-X	Harshali Gulabrao Raut	Computer Engineering
				Purva Bhaskar Dhopade	Computer Engineering
				Ashwini Deepak Ukhalkar	Computer Engineering
				Ganesh Gangadharrao Golhar	Computer Engineering
				Yash Milind Wadatkar	Computer Engineering
				Mahesh Shravan Rohane	Computer Engineering
3.	RK796	Online Monitoring and Evaluation System for ICCR's Regional Offices (ROs)	29632 - Team Culture	Anujkumar Yadav	Computer Engineering
				Aditya Jha	Computer Engineering
				Harsh Kushwaha	Computer Engineering
				Prem Mungle	Computer Engineering
				Neha Chopade	Computer Engineering
				Vaishnavi Jayade	Computer Engineering
4.	RK780	Tracking the achievement of Learning Outcomes in Foundational Years	28027 - The Brainiacs	Vishnu Arvind Mate	Computer Engineering
				Shreya Girish Chinchmalatpure	Computer Engineering
				Shreya Maroti Raut	Computer Engineering
				Aastha Sudhir Naik	Computer Engineering
				Suyash Sunil Patalbansi	Computer Engineering
				Parikshit Harish Shahade	Computer Engineering
5.	GR818	Real Time Satellite Imagery dissemination app	30745 - Team Dyunetra	Yashwardhan Katkamwar	Computer Engineering
				Piyushi Labhe	Computer Engineering
				Pranav Tiwari	Computer Engineering
				Renuka Joshi	Computer Engineering
				Shantanu Rodke	Computer Engineering
				Saloni Mishra	Electrical Engineering

6.	GS903	Predictive warning for release of water from reservoirs causing flood situation	28556 - FLOOD FORECASTERS	Vinay Jivan Shende	Civil Engineering
				Aniket Diwakarrao Somnathe	Civil Engineering
				Pratik Ashokrao Tekade	Civil Engineering
				Shahid Faruk Dunge	Civil Engineering
				Sanket Nareshrao Urkude	Civil Engineering
				Pratiksha Ganeshrao Bawane	Civil Engineering
7.	AK1211	Develop a Software for Categorization of cases.	30594 - Apocalypse	Dwij Vilasrao Naranje	Computer Engineering
				Pranjal Rahul Saboo	Computer Engineering
				Chinmay Sudesh Kulte	Computer Engineering
				Mrudula Ravindra Pangul	Computer Engineering
				Chinmay Telrande	Computer Engineering
				Avantika Barudwale	Computer Engineering
8.	BV802	Suggest a solution to predict the local impact of urban flooding in major cities.	28505 - Flood Brigade	Pranay Navghare	Civil Engineering
				Sahil Patil	Civil Engineering
				Vaishnavi Sayankar	Civil Engineering
				Siddhant Gupta	Civil Engineering
				Pruthak Kadu	Civil Engineering
				Sanket Panbude	Civil Engineering
9.	SH1001	Create a System for drawing a complete polygon for any small asset (i.e. Assets developed during MGNREGA, PMAYG schemes) by knowing 3 coordinates alongwith the length andwidth.	31708 - Team BITKNIGHTS	Parikshit Nilkanth Satibavane	Computer Engineering
				Shantanu Pramod Potdar	Computer Engineering
				Prathmesh Jivan Pahune	Computer Engineering
				Amit Nandlal Jibkate	Computer Engineering
				Nikita Vishwasrao Masane	Computer Engineering
				Anurag Ajaysing Thakur	Computer Engineering
10.	ST892	"Application based solution for tracking and creating information system for Overloaded Commercial vehicles."	31403 - Team Unloaders	Shravan Vijay Andraskar	Electrical Engineering
				Sakshi Sanjay Kakde	Electrical Engineering
				Kalyani Anil Gawande	Electrical Engineering
				Aamirkhan Yunuskhani Pathan	Electrical Engineering
				Kunal Rajabhau Ghodmare	Electrical Engineering
				Utkarsh Devidas Agarkar	Electrical Engineering
11.	VS930	Development of Online projects progress monitoring system for funded Higher Educational Institutions under various schemes and the funding agencies	31218 - TEAM BITBYTES	Tanushree Dhongale	Computer Engineering
				Riya Meshram	Computer Engineering
				Shruti Kakhe	Computer Engineering
				Akansha Petkar	Computer Engineering
				Ishika Mude	Computer Engineering
				Sanjivani Bhongade	Computer Engineering

Teams Participating in Hardware Edition Grande Finale

Sr. No.	PSID	Problem Statement	IDEA ID - TEAM NAME	Team	Department
1.	BV810	Suggest an effective way for tackling the issue of improper disposal of personal COVID protection equipment which leads to an additional strain on the city authorities who were already grappling with single use plastic menace.	27408 - Team KAVACH	Radhika Tiwari	Civil Engineering
				Shefali Pawar	Civil Engineering
				Tanmay Muralkar	Mechanical Engineering
				Nisarga Thape	Mechanical Engineering
				Anurag Watare	Electrical Engineering
				Anukul Kamble	Electrical Engineering
2.	MA1218	To provide solution for entire year commercial solar drying of food commodities.	27982 - Ravens	Mrudula Rajesh Borkar	Electrical Engineering
				Surbhi Sanjiv Ambade	Electrical Engineering
				Radha Sunil Kalantri	Electrical Engineering
				Shraddha Namdeo Suryawanshi	Electrical Engineering
				Sankalp Vinod Bhore	Electrical Engineering
				Om Prashant Kolhe	Electrical Engineering
3.	SM961	Student Innovation: Smart Vehicles	20197 - Ausories	Tanay Munnaji Nakhale	Electrical Engineering
				Tanushree Vivek Chore	Electrical Engineering
				Palak Deepak Jethwa	Electrical Engineering
				Mahesh Rajaram Lanjewar	Electrical Engineering
				Mayuri Raju Ugemuge	Electrical Engineering
				Kishita Hansraj Dhale	Electrical Engineering
4.	SM961	Student Innovation: Smart Vehicles	19294 - Power Optimizers	Chinmay R. Goswami	Electrical Engineering
				Sumedh R. Burse	Electrical Engineering
				Hrishikesh G. Borkar	Electrical Engineering
				Vaishnavi N. Arjun	Electrical Engineering
				Animesh U. Shende	Electrical Engineering
				Astha S. Naware	Electrical Engineering
5.	DK736	Smart Watch with vital record and lifestyle recommendation with mobile application	29591 - AyuCare	Mansi Kishor Tikhile	Electrical Engineering
				Amisha Anant Andurkar	Electrical Engineering
				Payal Rajkumar Ghanmode	Computer Engineering
				Akhilesh Mahadeorao Deshmukh	Electrical Engineering
				Gaurav Dnyaneshwar Ate	Electrical Engineering
				Shreyash Satish Astonkar	Electrical Engineering

6.	SK1206	Solutions to detect air quality inside the cabin and improve it.	27640 - Go-Mech	Sakshi Waghmare	Mechanical Engineering
				Sarvesh Malode	Mechanical Engineering
				Tejas Hirudkar	Mechanical Engineering
				Bhushan Taksande	Mechanical Engineering
				Ashay Kamble	Mechanical Engineering
				Parth Dubey	Mechanical Engineering
7.	NR1171	Develop a drone based Ambulances system to avert the challenges faced on ground during golden hour reaction time.	27688 - BIT Drone Humaze	Khushi Gajanan Deulkar	Civil Engineering
				Nital Sanjay Sune	Civil Engineering
				Sakshi Vilas Rakhunde	Civil Engineering
				Sanskar Rajdeep Kamble	Civil Engineering
				Sanskriti Anil Shende	Civil Engineering
				Aryan Anant Buchunde	Mechanical Engineering
8.	DA1069	Wheel Chair with attachment for B-Type oxygen cylinder for COPD patients	27647 - CARE LIFTERS	Pratik Vijayrao Watmode	Mechanical Engineering
				Rohit Lukesh Charde	Mechanical Engineering
				Mayur Vinod Mude	Mechanical Engineering
				Ayush Rajendra Ugemuge	Mechanical Engineering
				Pravin Purushottam Mohad	Mechanical Engineering
				Purva Arun Wanjare	Civil Engineering
9.	DA1069	Wheel Chair with attachment for B-Type oxygen cylinder for COPD patients	28045 - Team Tenacious	Prasad Komalwar	Mechanical Engineering
				Himanshu Titre	Mechanical Engineering
				Rahul Thakre	Mechanical Engineering
				Pranav Kawale	Mechanical Engineering
				Tejaswini Nagtode	Computer Engineering
				Ved Dagwar	Mechanical Engineering

Department Wise Participation (No of Students)

1. Civil Engineering: 23
2. Computer Engineering: 52
3. Electrical Engineering: 32
4. Mechanical Engineering: 19



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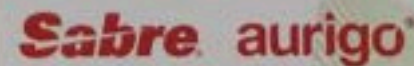
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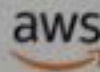
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
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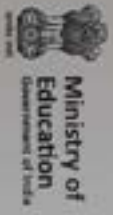
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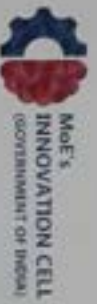
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Prof. Anil D. Sahasrabudhe
Chairman, AICTE
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Dr. Abhay Jere
Chief Innovation Officer,
Ministry of Education's Innovation Cell

Dr. Anand Deshpande
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SMART INDIA HACKATHON 2022

Winner

Certificate

This Certificate is awarded to

Purva Arun Wanjare
the winner of Smart India Hackathon, 2022
Heartiest Congratulations!

#SIH Senior Hardware Edition



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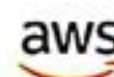
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SMART INDIA HACKATHON 2022

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GRAND FINALE 2022 August 25 - 29

Winner

Certificate

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Kimanshu Titre

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Prof. Anil D. Sahasrabudhe
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Ministry of Education

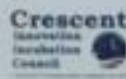
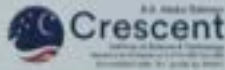
Dr. Abhay Jere
Dr. Abhay Jere
Chief Innovation Officer,
Ministry of Education's Innovation Cell

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Dr. Anant Deshpande
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Prof. Anil D. Sahasrabudhe
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Ministry of Education

Dr. Abhay Jere
Dr. Abhay Jere
Chief Innovation Officer,
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Samiksha Tapase

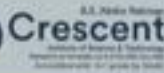
the winner of Smart India Hackathon, 2022
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Ministry of Education

Anil D. Sahasrabudhe
Prof. Anil D. Sahasrabudhe
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Abhay Jere
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Ved Dadgwar

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2nd Runner up

Student Innovation

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SUMEDH R. BURSE Bajaj Institute of Technology, Wardha

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SMART INDIA HACKATHON 2022

2nd Runner up

Student Innovation

Certificate

This Certificate is awarded to

HRISHIKESH G. BORKAR Bajaj Institute of Technology, Wardha

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Heartiest Congratulations!

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Ministry of Education

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2nd Runner up

Student Innovation

Certificate

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VAISHNAVI N. ARJUN Bajaj Institute of Technology, Wardha

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Heartiest Congratulations!

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Ministry of Education

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2nd Runner up

Student Innovation

Certificate

This Certificate is awarded to

ANIMESH U. SHENDE Bajaj Institute of Technology, Wardha

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Heartiest Congratulations!

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Chief Innovation Officer,
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Student Innovation

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Ministry of Education

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Chairman, AICTE
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Chief Innovation Officer,
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SMART INDIA HACKATHON 2022

2nd Runner up

Student Innovation

Certificate

This Certificate is awarded to

Leader **CHINMAY R. GOSWAMI** Bajaj Institute of Technology, Wardha

the 2nd Runner up of **Smart India Hackathon, 2022**
Heartiest Congratulations!

Sh. K Sanjay Murthy
Secretary, Higher Education,
Ministry of Education

Prof. Anil D. Sahasrabudhe
Chairman, AICTE
Ministry of Education

Dr. Abhay Jere
Chief Innovation Officer,
Ministry of Education's Innovation Cell

Dr. Anand Deshpande
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2nd Runner up

Student Innovation

Certificate

This Certificate is awarded to

Mentor **PARTHA SARATHI SUBUDHI** Bajaj Institute of Technology, Wardha

the 2nd Runner up of **Smart India Hackathon, 2022**
Heartiest Congratulations!

Sh. K Sanjay Murthy
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Ministry of Education

Prof. Anil D. Sahasrabudhe
Chairman, AICTE
Ministry of Education

Dr. Abhay Jere
Chief Innovation Officer,
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**INSTITUTION'S
INNOVATION
COUNCIL**

(Ministry of Education Initiative)

Selection as Mentor Institute



**List of IIC Institutions Selected as Mentor Institutions under the
Mentor-Mentee Program 2021-22
(Without Funding Assistance from MIC/AICTE)**

Sr. No.	UserId	Institute Name	State	Zone
102	IC201912415	Bharati Vidyapeeths College of Engineering	Maharashtra	Western/WRO
103	IC201912260	Konkan Gyanpeeths Rahul Dharkar College of Pharmacy and Research Institute	Maharashtra	Western/WRO
104	IC201912524	BAJAJ INSTITUTE OF TECHNOLOGY	Maharashtra	Western/WRO
105	IC201810688	Pandhi Dwarka Prasad Mishra Indian Institute of Information Technology & Manufacturing	Madhya Pradesh	Central/CRO
106	IC201912382	CT University	Punjab	North-West/NWRO
107	IC201811118	Sinhgad Technical Education Society's Sinhgad College of Pharmacy	Maharashtra	Western/WRO
108	IC201810669	KCG College of Technology	Tamil Nadu	Southern/SRO
109	IC201811616	Vivekanandha College of Engineering for Women (AUTONOMOUS)	Tamil Nadu	Southern/SRO
110	IC201912279	Bombay College of Pharmacy Kalina Santacruz	Maharashtra	Western/WRO
111	IC201811319	B M S Institute of Technology & Management	Karnataka	South-West/SWRO
112	IC201810345	Bannari Amman Institute of Technology	Tamil Nadu	Southern/SRO
113	IC201810490	Sree Vidyanikethan Engineering College	Andhra Pradesh	South-Central/SCRO
114	IC201810624	INDERAPRASTHA ENGINEERING COLLEGE	Uttar Pradesh	Northern/NRO
115	IC201810661	Basaveshwar Engineering College	Karnataka	South-West/SWRO
116	IC201810842	PSGR Krishnammal College for Women	Tamil Nadu	Southern/SRO



**INSTITUTION'S
INNOVATION
COUNCIL**

(Ministry of Education Initiative)

**Governing
Member of IIC
C16 Consortium**

- IC Profile Academic Year Report
- Manage Activity
- Learning Resources
- Handholding and Capacity Development**
- IC Consortium
- Mentor-Mentee Scheme
- Impact Lecture Scheme
- Innovation Ambassador
- Innovation & Start-up Support
- Innovation Repository
- Manage Challenges
- ICATI Innovation Challenge 2022
- Referral & Usage
- Constituent - ICs

IIC Consortium

Consortium id : C15
State : Maharashtra
Districts : Akola, Amravati, Bhandara, Buldhana, Chandrapur, Gadchiroli, Gondia, Hingoli, Nagpur, Nanded, Parbhani, Wardha, Washim, Yavatmal



Governing Members Participating Members

S/Ns	IC ID	Institute Name
1	IC0581034	SHRIKISH International University
2	IC0581082	Army Institute of Technology
3	IC0581048	S H Kulkarni College of Engineering
4	IC0581091	Central Institute of Business Management Research and Development
5	IC0581158	Delta Megha Institute of Medical Sciences
6	IC0581188	Vishwanath Chauhan Engineering College
7	IC0581287	Shri Ramdasrao College of Engineering & Management
8	IC0581255	Smt Kanchal Bhojar College of Pharmacy
9	IC0581254	BAJAJ INSTITUTE OF TECHNOLOGY
10	IC0581267	JD College of Engineering

Items per page: 10 1 - 10 of 15 < > >>



**INSTITUTION'S
INNOVATION
COUNCIL**

(Ministry of Education Initiative)

Annual Reports

2020-21

2021-22

2022-23



Shiksha Mandal's

BAJAJ INSTITUTE OF TECHNOLOGY, PIPRI, WARDHA

Institution's Innovation Council

Date: 11/09/2021

Annual Report 2020-21

A. About IIC Institute

Shiksha Mandal started the Bajaj Institute of Technology at Wardha in 2017-18, which is affiliated to Dr. Babasaheb Ambedkar Technological University, the only state Technological University of Maharashtra. The advantage of this is that the curriculum and valuation is of high quality. Its uniqueness is its focus on enhancing students capability through rigorous learning, an emphasis on learning fundamentals and capacity to use them through hands-on work in the workshop and laboratories and through projects. All students undergo internship in industry during the summer break at various reputed companies all over India. In short, BIT is committed for producing industry ready engineers and good human beings who will innovate and deliver.

- **Vision / Mission of IIC established at the Institute**

Vision: Promote creativity in young students by encouraging, inspiring and nurturing their constructive ideas through various platforms to come out with innovative solutions.

Mission:

- Develop innovation ecosystem by enabling easy and efficient interaction between its major stakeholders through events like interactive sessions, competitions and workshops.
- To encourage innovative thinking and activity, business knowledge, and commercial awareness.
- To stimulate participation and interaction between students, entrepreneurs, alumni, faculty and prominent individuals in the world.

- **Journey of IIC established at the Institute**

Institution's Innovation Council (IIC) at BIT, Wardha was established as per the guidelines of 'MoE's Innovation Cell (MIC)' in the year 2019. The first quarterly meeting of the Council was conducted on 27/09/2019 under the visionary leadership of Principal Dr. N. M. Kanhe. The initiative was to create a vibrant local innovation ecosystem, start-up supporting mechanism, establish a functional ecosystem for scouting ideas and pre-

incubation of ideas and to develop a better cognitive ability for technology students. IIC, BIT Wardha is actively involved in organizing and conducting seminars, workshops, exposure visits, Idea competitions etc. for its students and faculties. In the first year of the establishment of IIC 2.0, the institute has achieved many milestones and have performed exceptionally well in various national competitions and activities.

- Institute was awarded 4.5/5-star rating for IIC Session for the year (IIC 2.0 Calendar Year) (2nd Highest Rating) with around 44 activities conducted throughout the year.



- BIT was Proud to be on No. 1 position in the nation with 7 software projects and 2 hardware projects selected for the National finals of Smart India Hackathon 2020.
- 02 Students won prizes in the University-level competition organized by DBATU, University. These students were mentored by IIC.

After the success of IIC 2.0, the Institution's Innovation Council IIC 3.0's first quarterly meeting was conducted through online mode on 12/11/2020 under the leadership of Principal Dr. N. M. Kanhe and chairmanship of President, BIT-IIC, Dr. S. M. Mahajan.

- In the IIC 3.0 Calendar year, around 40 Activities were conducted for the overall development of students, for imbibing the culture of innovation amongst them.
- Two teams 'Team Algorithmic' and 'Team TechHydra' won in Software & Hardware Editions respectively of Smart India Hackathon 2020 and received 1 Lakhs Prize Money each from Government of Sikkim and Government of Andhra Pradesh respectively.



- "Team Promoner" from Mech. Engineering Dept. won National Innovation Challenge 2020, organized by MoE's Innovation Council, GoI and are eligible for financial assistance up to 10 Lakhs for setting up a start-up.



- Team IIC was fortunate to have resource persons from across the board from varying fields like academia, industry, incubators etc. of national and international repute.
- Diversified representation exists in the IIC established at the institute from industry, Interdisciplinary & Departments/ Units etc.

Sr. No	Name of Expert	Organization and Position
1	Dr. Karmraj Yadav	Director, Mahatma Gandhi Institute for Rural Industrialization (MGIRI) (National Institute under the Ministry of MSME, Govt of India)
2	Mr. Shrikant Shrikhande	AVP (Power), Abhijeet Group, Nagpur.
3	Mr. Shantaram Awachat	MD, Awachat Industries Ltd. Wardha

B. Portfolio/graphical/Tabular representation of Resource strength (human capital and Physical capital) of the IIC institution

- Total No. of IIC Members: 31

The IIC members details for the academic year 2020-21 are as follows:

Sr. No	Name of Faculty	Member Type	Position
1	Dr. S. M. Mahajan	Faculty	President
2	Dr. Jayesh D. Ruikar	Faculty	Vice President, Innovation activity coordinator
3	Prof. Sandesh D. Jain	Faculty	Convener, ARIIA Coordinator (Faculty), NIRF coordinator (Faculty)
4	Dr. Pawan Chandak	Faculty	Start-up activity coordinator
5	Dr. Satyavir Singh	Faculty	Internship coordinator
6	Prof. Pratik Vyas	Faculty	IPR activity coordinator
7	Prof. Abhishek Kinhekar	Faculty	Social Media Coordinator
8	Dr. Narendra M. Kanhe	Faculty	IP Expert / Patent Expert
9	Dr. Karmraj Yadav	External	Incubation Center
10	Mr. Shrikant Shrikhande	External	Start-up / Alumni entrepreneur
11	Mr. Shantaram Awachat	External	Expert from nearby Industry/ Industry association/ Ecosystem Enablers
12	Dr. Manish Pasarkar	Faculty	NISP Co-ordinator, Member
13	Prof. Mandar Gupte	Faculty	Member
14	Prof. Amol Jumde	Faculty	Member
15	Dr. Jayesh Ruikar	Faculty	Member
16	Prof. Anirudha Marothiya	Faculty	Member
17	Dr. Ashutosh Dabli	Faculty	Member
18	Pradumn Gupte	Student	Innovation Coordinator
19	Abhishek Chudiwale	Student	Internship Coordinator
20	Gaurav Gayki	Student	Startup Coordinator
21	Nidhi Dave	Student	Social Media Coordinator
22	Harshal Atmaramani	Student	IPR Coordinator
23	Saurabh Shete	Student	Members
24	Jaydev Trivedi	Student	Members
25	Chinmay Nutyalwar	Student	Members
26	Neha Gomase	Student	Members
27	Divya Jamnare	Student	Members
28	Aditi Mishra	Student	Members
29	Dhiraj Deotare	Student	Members
30	Anuj Madan Ingle	Student	Members
31	Tushar Dhanorkar	Student	Members

- Total No. of Innovation Ambassadors: 11 Faculty Members

Sr. No.	Name of Faculty	Branch	Innovation Ambassador Training Level Completed
1	Dr. Manish Pasarkar	Mechanical Engg.	Basic Level Training
2	Dr. Pawan Chandak	Mechanical Engg.	Basic Level Training
3	Prof. Mandar Gupte	Mechanical Engg.	Basic Level Training
4	Prof. Abhishek Kinhekar	Computer Engg.	Basic Level Training
5	Prof. Amol Jumde	Computer Engg.	Basic Level Training
6	Dr. Jayesh Ruikar	Electrical Engg.	Basic Level Training
7	Dr. Satyavir Singh	Electrical Engg.	Basic Level Training
8	Prof. Anirudha Marothiya	Electrical Engg.	Basic Level Training
9	Dr. Ashutosh Dabli	Civil Engg.	Basic Level Training
10	Prof. Pratik Vyas	Civil Engg.	Basic Level Training
11	Prof. Sandesh Jain	Computer Engg.	Advanced Level Training

- Total No. of faculty Mentors(From Portal): 14
- Pre-Incubation Units:
 - A Workshop of around 1600 sq. meters consisting of modern machinery and equipment.
 - Facilities:
 - 3D Printing Equipment for prototyping
 - Sheet Metal Shop
 - Welding & Machine shop
 - Fitting & Plumbing shop
 - Advanced Manufacturing Lab etc.
 - Latest Prototyping Software Tools like CREO, ThingWorx, etc.
- Incubation Units, If any: NA
- IP Facilitation Unit, If any: NA

C. Highlight Facilities, Infrastructure of Pre-Incubation & Incubation kind and Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus.

- Facilities, Infrastructure of Pre-Incubation

Sr. No.	Particular's/Items	Machines Available
1	Advanced Manufacturing Lab	Power saw machine
		Plasma cutting machine
		TIG Welding machine
		MIG Welding machine
		Milling machine
		Power press

		EDM Machine
		CNC Lathe Trainer Model
		CNC Mill Trainer Model
		3D Printer
2	Sheet Metal Shop	Spot welding machine
3	Welding shop	Arc welding transformer
		Drill Machine (Type-Pillar)
4	Fitting shop	Table (Bench) vice
5	Plumbing shop	Pipe vice
	Carpentry shop	Bench vice
6		Wooden lathe
7	Welding & Machine shop	Portable grinder
8	Fitting & Welding shop	Portable drill machine
9	Machine shop	Center lathe
10	Software's Available	CREO MATLAB ThingWorx etc.

- Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus
 - **Institutions Innovation Council Students Club:** Organizes and Manages activities of IIC Council throughout the year.

D. Highlight Achievements (Narrative/Graphical/tabular representation)

- Number and Different types of I&E and IPR activities Conducted:37

Sr. No.	Topic	Date & Duration	Expert Details
1.	IIC Council formation or upgradation (of existing council) at Institute level	12/11/2021	All IIC Members
2.	Logo Design Competition	01/08/2021 to 31/08/2021	-
3.	Exposure and field visit for problem identification	26/11/2021	-
4.	Session on Digital Transformation	26/12/2021 11:00 AM to 01:00 PM	Mr. Jaideep Ayachit, Enterprise Architect, Persistent Systems, Nagpur
5.	Overview of Hybrid and Electric Vehicle Design	26/12/2020	Tushar Khanzode, Product development Lead and DRE at GM TCS, Bangalore Urban, Karnataka

6.	Exhibition cum Demo for POC's and Mentorship session for Students Innovators	13/01/2021	-
7.	Session on Process of Innovation Development	14/01/2021 03:00 PM to 04:30 PM	Mr. Sagar, Kabra, Operations- Head. Natarajan Education Society, Pune
8.	Session on identifying Intellectual Property component at the early stage of Innovation	15/01/2021 03:00 PM to 04:00 PM	Dr. Pawan Chandak, Associate Professor in Mechanical Engineering, BIT, Wardha
9.	Quiz on Republic Day	26/01/2021	-
10.	Orientation Session on National Education Policy (with a focus on innovation)	28/01/2021 03:00 PM to 04:30 PM	Dr. Ashish Pandey, Associate Professor, SOM, IITB, Mumbai
11.	Workshop on "Innovation as Career Opportunity"	29/01/2021 11:00 AM to 12:00 Noon	Mr. Baldev Singh Rawat, Founder & CEO, Value Kreation
12.	Orientation Session on National Innovation and Startup Policy (NISP)	29/01/2021 03:00 PM to 04:00 PM	Dr. Sanjay Khobragade, Associate Professor. EXTC, DBATU, Lonere
13.	How to write a case study/ report on innovation	30/01/2021 11:00 AM to 12:00 Noon	Dr. Sagarkumar S. Badhiye, Asst. Prof., BIT Wardha.
14.	Pitching workshop & linkage of innovators with Innovation Ambassadors	05/02/2021 09:45 AM to 11:00 AM	Prof. Sandesh D. Jain, Convener, BIT, IIC
15.	Session on Effective Body Language	08/02/2021	Rutika Meshkar, Freelance Behavioural & Soft Skills Trainer
16.	Session on Emotional Intelligence	09/02/2021	Dr. Hetal Gaglani, Educator Soft Skills Trainer SEBI Financial Resource Person
17.	IIC Council Meeting- Review of Q2 progress and Planning of Q3.	21/04/2021	All IIC Members
18.	Session/ Workshop on Business Model Canvas	24/04/2021 11:00 AM to 12:00 Noon	Dr. K. T. V. Talele, Asso. Prof. SPIT, Mumbai
19.	Growth Strategy: Scaling Business from 0 to 1	24/04/2021 01:00 PM to 02:00 PM	Mr. Pratik Ghawghawe, Founder, Templars LLP
20.	Soft-Skills for Entrepreneurs	07/05/2021 05:00 PM to 06:00 PM	Mrs. Chitralkha Potnis,

			President, Peel College of Professional Studies, Ontario Canada
21.	Session on Building an Innovation/ Product Fit for market	07/06/2021 03:00 PM to 04:00 PM	Mr. Nitin Gawhane, Sr. General Manager, Learning, Research and Development, ThyssenKrupp Industries
22.	BIT's Innovation and Startup Policy 2021	10/06/2021 03:30 PM to 04:30 PM	Dr. M. D. Pasarkar, NISP Co-ordinator, BIT
23.	Session on Building an Innovation/ product fit for the market (Design Perspective)	12/06/2021 01:00 PM to 02:00 PM	Mr. Kshitiz Anand, Associate Vice President, Paytm
24.	Workshop on Intellectual Property Rights and IP management for Startups	17/06/2021 03:30 PM to 04:30 PM	Dr. Gouri Gargate Asst. Prof. Rajiv Gandhi School of IPR, IIT Kharagpur
25.	Mentorship Session for Innovators	18/06/2021 03:30 PM to 04:30 PM	Dr. Prasad Teegalapelly, Professor NITIE, Mumbai
26.	Role and Importance of Pre-Incubators, Incubators and Accelerators for Early Stage Entrepreneurs	22/06/2021 03:30 PM to 04:30 PM	Mr. Deepak Maneria, Founder and Chief Idea Farmer, Lemon Ideas Nagpur
27.	Ideation & Hands-On Business Model Canvas	23/07/2021 03:30 PM to 04:30 PM	Prof. Abhishek Kinhekar, Asst. Prof. Comp. Engg. BIT
28.	Prototype Designing Process using TINKERCAD	27/07/2021 01:00 PM to 02:00 PM	Dr. J. D. Ruikar, Asst. Prof. Elect. Engg. BIT
29.	Transforming Product Development with Rapid Prototyping using 3D Printing	28/07/2021 04:00 PM to 05:00 PM	Dr. Vikas Gohil, Asso. Prof. Mech. Engg. BIT
30.	Mentoring Session on "Lean Start-up & Minimum Viable Product/Business"	30/07/2021 03:30 PM to 04:30 PM	Mr. Kiran Bhawe Project Management Professional, Financial Advisor, Level 1 & 2, NISM Insurance Advisor, III, IRDA
31.	Debate competition Entrepreneurship Vs Employment	21/08/2021	-
32.	Poster Making Competition on Entrepreneurship in Campus	22/08/2021 to 24/08/2021	-

33.	Video Making Competition on Startup Idea	22/08/2021 to 27/08/2021	-
34.	Panel discussion with Student Entrepreneurs	26/08/2021	Dr. Sanjay Mahajan, President IIC, Dr. Pawan Chandak, Harshal Kotewar, Student BIT
35.	Hindrances faced by Entrepreneurs by Mayuresh Kulkarni	24/08/2021	Prof. Mayuresh A. Kulkarni, MCOE, Pune
36.	Orientation session for all students & faculties of Institute by Innovation Ambassador	11/09/2021 01:00 PM to 02:00 PM	Prof. Sandesh Jain
37.	Quiz on National Startup Awards 2021	11/09/2021, Full Day	-

- No. of student's & faculty ideas generated: 20
 - Voice-Based Email For Blinds
 - Tourist Places Information Mobile App for Wardha
 - A cost-effective automated approach to the existing evaporative cooler in BIT Wardha
 - Support Education through Book Sharing App.
- No. of student's & faculty Innovation/prototypes developed: 11
- No. of IPs generated, published and granted: 02
 - Patent No: 373986, "METHOD AND APPARATUS FOR ELECTRICAL DISCHARGE TURNING, Date of Grant: 06/08/2021
 - Patent filed for "System for Automated opening of boot lid of two-wheeler vehicle". Application Number: 202121032513
- No. of Student & Faculty Start-ups/Ventures established: 01(Under Process)
 - Startup Name: "PROMONER"
- Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus : 23500/-
- Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR: 15000/-
- No. of Technology Transfer and Commercialisation happened: In Process

E. Highlight few best IIC Faculty/Student members and their achievements/ Rewarded for the innovations at different forum

1. Dr. N. M. Kanhe, Dr. J. D. Ruikar & Mr. Sandesh Jain: Worked as a mentor for Team TechHydra for the problem statement given by the Ministry of Andhra Pradesh on 24X7 Water Supply. The Team won the first prize in SIH 2020 and prize money of Rs. 1 Lakh
2. Dr. Pawan Chandak: Worked as a mentor for Team "PROMONER" and mentored them for the Project on "Swirl-Flow LPG Burner Head" for participating in National Innovation Challenge 2021. The Team is now the finalist of NIC 2020 and is eligible to receive a grant of Rs 10 Lakh from MoE.
3. Dr. M. D. Pasarkar; Worked as a Mentor for Team Agrobot for the project Automatic Weeder for row crops for participating in the competition of AICTE Vishwakarma Award 2020 & KRITAGYA- A National level Agtech hackathon promoting farm mechanization.
4. Mr. Sandesh Jain, as a mentor for Team Algorithmic for the problem statement given by the Ministry of Sikkim on Rural Housing Scheme. The Team won the first prize in SIH 2020 and prize money of Rs. 1 Lakh.
5. Mr. Harshal Atmaramani (Student): Participated in Smart India Hackathon 2020 and was shortlisted as the finalist for the same. His solution on Artificially Intelligent Reservation System was highly appreciated by the Ministry of Railway Officials.

F. Highlight selected best Innovations & images with mention of inventor/innovation name

1. Project Name: System for Automated opening of boot lid of two-wheeler etc.



Students Name:

- i. Tanay Nakhale
- ii. Tanushree Chore
- iii. Palak Jethwa
- iv. Kishita Dhale

Guided By: Dr. H. S. Dalvi

G. Highlight selected start-ups established by students/faculties with mention of founder/cofounder name

Startup Name: "PROMONER"

Project Name: Swirl-Flow LPG Burner Head



Students Name:

- i. Harshal Kotewar (Team Leader)
- ii. Asif Sheikh
- iii. Sumed Rohankar
- iv. Shreyash Sahu
- v. Shubham Chapade
- vi. Shivam Tak

Guided By: Dr. Pawan Chandak

H. List if any break through Innovations / Technology Developed at the institute (2-3 technology with 2-3 lines about technology and innovation:

- Stop gate arrangement for the check dam.

I. Participation of IIC-institute in various programs of Central and Stage Govt. Highlighting specially for the schemes or programs

- NISP Adoption status - Trained Faculty, Policy Formulation, Policy Implementation

In February 2019, the Ministry of Human Resource Development (MHRD) along with AICTE Innovation Cell (MIC) released the National Innovation and Start-up Policy 2019 (NISP-2019) for students and faculty of HEIs. Based on NISP 2019, Bajaj Institute of Technology Wardha, wish to formulate a start-up policy for students, faculty and staff members. The ultimate aim of framing this policy is to create a strong ecosystem for the benefit of all the stakeholders

The Innovation and Startup Policy is posted on the BIT website for students and faculty reference.

Link to Policy:

<https://bitwardha.ac.in/innovation-and-entrepreneurship-policy-2/>

- Smart India Hackathon:
In Smart India Hackathon 2020, BIT was Proud to be on No. 1 position in the nation with **7** software projects and **2** hardware projects selected for the National finals of Smart India Hackathon 2020.
Team Tech Hydra & Team Algorithmic won in SIH 2020 in their respective problem statement Category

SR. NO.	MINISTRY / INDUSTRY	PS ID	TEAM NAME	TEAM LEADER & TEAM MEMBERS
1	GOVERNMENT OF ANDHRA PRADESH	KB187	TECHHYDRA (Winners)	SARVESH V LONKAR
				PRINCY R SAHU
				SHREYA B. URKUDKAR
				PALLAVI S. AMBATKAR
				DHIRAJ UMATE
				ASHISH KORDE
2	COGNIZANT TECHNOLOGY SOLUTIONS INDIA PVT. LTD	MS449	SAJRAK's	KARTIK SHYAM PARIYAL
				RADHIKA DORLIKAR
				SAKSHI KISHOR JINNEWAR
				ABHISHEK BALBUDHE
				AMIT ADMANE
				JAY BHARAT SONCHHATRA
3	GOVT.OF SIKKIM	SG293	ALGORITHMIC (Winners)	RUCHIKA S. CHAMBHARE
				GANESH P. MARATHE
				AMIT V. CHAPDE
				ANANY A. DUBEY
				PRADEEPKUMAR M. MAHUR
				MANASI R. KOTHEKAR
4	AIRPORTS AUTHORITY OF INDIA	AK12	NEXUS++	PRANAY MAHESH KATHALE
				PIYUSH YOGESH NIGAM
				AMIT MOHAN GANJAPURE
				RUTUJA PRAFUL DEHANKAR
				PRATIK RAKESH KOHAD
				RAJAT AKHARE
5	MINISTRY OF RAILWAYS	BB228	OPTIMIZERS 1.0	HARSHAL ATMARAMANI
				SOHAM CHANDORIYA
				REVATI VITTHAL UGEMUGE
				KIMAYA WAGHMARE
				SAMAR SALIM SHEIKH
				SUYASH PRADEEP DAHAKE
6	YAMAHA MOTOR SOLUTION INDIA PVT LTD	DK287	PASUS	PIYUSH GHOTKAR
				UTKARSH TAKSANDE
				AVATAR GAUTAM
				SANMAY PANIKER
				NIDHI DAVE
				MILLENNIUM SONULE
7	DEPARTMENT OF SCIENCE AND TECHNOLOGY	PR424	TARGARYEN'S	SAKSHI THAKARE
				SAHIL SUNIL LIDBE
				SIDDHANT BUDHRAO KOSE
				SAURABH KATKAR
				SAMEER THAKARE
				BHAGYASHRI PIMPALKAR

8	CISCO DEVNET	AM289	THE AZTECS	YUGESHWAR DEVTARE
				VIPLAVA BHARDWAJ
				ASHWINI MANISH GORE
				NANDITA SUNIL DIXIT
				APEKSHA ANANT LAKHE
				YASH VIPIN DEOLE
9	NATIONAL JUTE BOARD, MIN OF TEXTILES	AR250	THE RECYCLERS	RIYA SHUKLA
				ASAWARI PANAT
				PRATIKSHA PISOLKAR
				PRIYA ALONE
				PALLAVI TRIPATHI
				NIRAJ SHARMA

- ARIIA – NA

J. Details of Social Media & Connections of IIC institute

- Institute Social Media Handles
 Facebook: <https://www.facebook.com/bitwardha1>
 Twitter: <https://twitter.com/bitwardha>
 LinkedIn: <https://www.linkedin.com/in/bajaj-institute-of-technology-wardha-a27b52186/>
- Institute Innovation Council Social Media Handles
 Facebook: <https://www.facebook.com/BITWardhaIIC>
 Twitter: https://twitter.com/bitw_iic

K. Testimonials from IIC members and external about IIC institute and IIC of MoE's Innovation Cell

Dr. N. M. Kanhe, BIT, IIC

Firstly, I would like to congratulate IIC Committee for their great performance in IIC 2.0. The achievements our college have received over the past year be it in NIC 2020 or SIH 2020 show the zeal and enthusiasm of the committee and their willingness to take the institute to the new heights. I appreciate Team IIC for conducting around 40 Activities across the year, even in the pandemic period.

I also congratulate Team MoE's Innovation Cell for fostering the culture of Innovation in all Higher Education Institutions (HEIs) across the country. The activities prescribed by the Innovation Council always pave a path for promoting and supporting student innovations and sustainable start-ups from academic institutions.

My Best Wishes to Team BIT-IIC for their future endeavours.

Dr. S. M. Mahajan, President, BIT-IIC

On the onset, firstly, I would like to thank our management for granting all the facilities required for conducting all the activities round the year. I would also like to congratulate the team for achieving second highest possible stars in the first year of inception of IIC.

I would also like to thank Team MIC for its continuous guidance and support and developing such an ecosystem that engage, encourage and

channelize the creative energy and entrepreneurial potential of Indian youths to build innovations and enterprises.

I would urge my Team to work harder to complete all the activities of IIC effectively living to the true sense of the word and encourage student to build more innovative product in the upcoming year.

Mr. Sandesh Jain, Convener, BIT, IIC

I am very thankful our Management, Hon'ble Principal and President BIT for guiding me and motivating our team to conduct activities across the year. I would like to thank the team IIC for conducting various innovation and entrepreneurship-related activities prescribed by Central MIC in time-bounded fashion.

I would like to thank Team MIC for helping us related to any difficulty we have faced and motivating us my conducting periodically mentoring session and guiding us to become the innovation ambassador of the college. I would urge all IIC members that let us strive hard to achieve our IIC Mission of creating job creators rather than job seekers. Thank You.

(P. T. O)

L. Images



IIC Quarterly Meeting



Session on Supply Chain Management



Project Exhibition



Session on National Education Policy



Student & Faculties Participating in the Activities of IIC Council.

M. Contacts

1. Dr. N. M. Kanhe, Principal: principal@bitwardha.ac.in
2. Dr. S. M. Mahajan, President IIC, iic@bitwardha.ac.in
3. Sandesh Jain, Convener, IIC, Sandesh.jain@bitwardha.ac.in, +919665799928



Shiksha Mandal's

BAJAJ INSTITUTE OF TECHNOLOGY, PIPRI, WARDHA

Institution's Innovation Council

Date: 28/09/2022

Annual Report 2021-22

A. About IIC Institute

Shiksha Mandal started the Bajaj Institute of Technology at Wardha in 2017-18, which is affiliated to Dr. Babasaheb Ambedkar Technological University, the only state Technological University of Maharashtra. The advantage of this is that the curriculum and valuation is of high quality. Its uniqueness is its focus on enhancing students capability through rigorous learning, an emphasis on learning fundamentals and capacity to use them through hands-on work in the workshop and laboratories and through projects. All students undergo internship in industry during the summer break at various reputed companies all over India. In short, BIT is committed for producing industry ready engineers and good human beings who will innovate and deliver.

- Vision / Mission of IIC established at the Institute

Vision: Promote creativity in young students by encouraging, inspiring and nurturing their constructive ideas through various platforms to come out with innovative solutions.

Mission:

- Develop innovation ecosystem by enabling easy and efficient interaction between its major stakeholders through events like interactive sessions, competitions and workshops.
 - To encourage innovative thinking and activity, business knowledge, and commercial awareness.
 - To stimulate participation and interaction between students, entrepreneurs, alumni, faculty and prominent individuals in the world.
- Journey of IIC established at the Institute

Institution's Innovation Council (IIC) at BIT, Wardha was established as per the guidelines of 'MoE's Innovation Cell (MIC)' in the year 2019. The first quarterly meeting of the Council was conducted on 27/09/2019 under the visionary leadership of Principal Dr. N. M. Kanhe. The initiative was to create a vibrant local innovation ecosystem, start-up supporting mechanism, establish a functional ecosystem for scouting ideas and pre-incubation of ideas and to develop a better cognitive ability for technology students. IIC, BIT Wardha is actively involved in organizing and conducting seminars, workshops, exposure visits, Idea competitions etc. for its students and faculties.

In the first year of the establishment of IIC 2.0, the institute has achieved many milestones and have performed exceptionally well in various national competitions and activities.

- Institute was awarded 4.5/5-star rating for IIC Session for the year (IIC 2.0 Calendar Year) (2nd Highest Rating) with around 44 activities conducted throughout the year.



- BIT was Proud to be on No. 1 position in the nation with 7 software projects and 2 hardware projects selected for the National finals of Smart India Hackathon 2020.
- 02 Students won prizes in the University-level competition organized by DBATU, University. These students were mentored by IIC.

After the success of IIC 2.0, the Institution's Innovation Council IIC 3.0's first quarterly meeting was conducted through online mode on 12/11/2020 under the leadership of Principal Dr. N. M. Kanhe and chairmanship of President, BIT-IIC, Dr. S. M. Mahajan.

- In the IIC 3.0 Calendar year, around 40 Activities were conducted for the overall development of students, for imbibing the culture of innovation amongst them.
- Two teams 'Team Algorithmic' and 'Team TechHydra' won in Software & Hardware Editions respectively of Smart India Hackathon 2020 and received 1 Lakhs Prize Money each from Government of Sikkim and Government of Andhra Pradesh respectively.



- "Team Promoner" from Mech. Engineering Dept. won National Innovation Challenge 2020, organized by MoE's Innovation Council, GoI and are eligible for financial assistance up to 10 Lakhs for setting up a start-up.



Proceeding further in IIC 4.0, the Institution's Innovation Council IIC 4.0's first quarterly meeting was conducted through offline mode on 12/11/2020 under the leadership of Principal Dr. N. M. Kanhe and chairmanship of President, BIT-IIC, Dr. S. M. Mahajan.

- In the IIC 4.0 Calendar year, around 51 Activities were conducted for the overall development of students, for imbibing the culture of innovation amongst them.
- Six teams have won in Software & Hardware Editions respectively of Smart India Hackathon 2022 and received 1 Lakhs Prize Money each Ministry of Education respectively.



- Team IIC was fortunate to have resource persons from across the board from varying fields like academia, industry, incubators etc. of national and international repute.

- Diversified representation exists in the IIC established at the institute from industry, Interdisciplinary & Departments/ Units etc.

Sr. No	Name of Expert	Organization and Position
1	Dr. Karmraj Yadav	Director, Mahatma Gandhi Institute for Rural Industrialization (MGIRI) (National Institute under the Ministry of MSME, Govt of India)
2	Mr. Shrikant Shrikhande	AVP (Power), Abhijeet Group, Nagpur.
3	Mr. Shantaram Awachat	MD, Awachat Industries Ltd. Wardha

B. Brief mention of key functionaries at the IIC Institute:

Head of Institute: Dr. N. M. Kanhe

President: Dr. S. M. Mahajan, HOD, Civil Engineering

Vice President: Dr. J. D. Ruikar, Asst. Prof. Electrical Engineering

Convenor: Prof. Sandesh Jain, Asst. Prof. Computer Engineering.

C. Portfolio/graphical/Tabular representation of Resource strength (human capital and Physical capital) of the IIC institution

Total No. of IIC Members: 31

The IIC member's details for the academic year 2021-22 are as follows:

Sr. No	Name of Faculty	Member Type	Position
1	Dr. S. M. Mahajan	Faculty	President
2	Dr. Jayesh D. Ruikar	Faculty	Vice President, Innovation activity coordinator
3	Prof. Sandesh D. Jain	Faculty	Convener, ARIIA Coordinator (Faculty), NIRF coordinator (Faculty)
4	Dr. Pawan Chandak	Faculty	Start-up activity coordinator
5	Prof. Arpit Sharma	Faculty	Internship coordinator
6	Dr. Harshad Phadke	Faculty	IPR activity coordinator
7	Prof. Abhishek Kinhekar	Faculty	Social Media Coordinator
8	Dr. Narendra M. Kanhe	Faculty	IP Expert / Patent Expert
9	Dr. Karmraj Yadav	External	Incubation Center
10	Mr. Shrikant Shrikhande	External	Start-up / Alumni entrepreneur
11	Mr. Shantaram Awachat	External	Expert from nearby Industry/ Industry association/ Ecosystem Enablers
12	Dr. Manish Pasarkar	Faculty	NISP Co-ordinator, Member
13	Prof. Mandar Gupte	Faculty	Member
14	Prof. Amol Jumde	Faculty	Member
15	Dr. Jayesh Ruikar	Faculty	Member
16	Prof. Anirudha Marothiya	Faculty	Member
17	Dr. Ashutosh Dabli	Faculty	Member
18	Pradumn Gupte	Student	Innovation Coordinator
19	Abhishek Chudiwale	Student	Internship Coordinator
20	Gaurav Gayki	Student	Startup Coordinator
21	Nidhi Dave	Student	Social Media Coordinator
22	Harshal Atmaramani	Student	IPR Coordinator
23	Saurabh Shete	Student	Members
24	Jaydev Trivedi	Student	Members
25	Chinmay Nutyalwar	Student	Members
26	Neha Gomase	Student	Members
27	Divya Jamnare	Student	Members

28	Aditi Mishra	Student	Members
29	Dhiraj Deotare	Student	Members
30	Anuj Madan Ingle	Student	Members
31	Tushar Dhanorkar	Student	Members

- Total No. of Innovation Ambassadors: 11 Faculty Members

Sr. No.	Name of Faculty	Branch	Innovation Ambassador Training Level Completed
1	Dr. Manish Pasarkar	Mechanical Engg.	Advance Level Training
2	Dr. Pawan Chandak	Mechanical Engg.	Basic Level Training
3	Prof. Mandar Gupte	Mechanical Engg.	Basic Level Training
4	Prof. Abhishek Kinhekar	Computer Engg.	Basic Level Training
5	Prof. Amol Jumde	Computer Engg.	Basic Level Training
6	Dr. Jayesh Ruikar	Electrical Engg.	Basic Level Training
7	Dr. Satyavir Singh	Electrical Engg.	Basic Level Training
8	Prof. Anirudha Marothiya	Electrical Engg.	Basic Level Training
9	Dr. Ashutosh Dabli	Civil Engg.	Basic Level Training
10	Prof. Pratik Vyas	Civil Engg.	Basic Level Training
11	Prof. Sandesh Jain	Computer Engg.	Advanced Level Training

- Total No. of faculty Mentors(From Portal): 14
- Pre-Incubation Units:
 - A Workshop of around 1600 sq. meters consisting of modern machinery and equipment.
 - Facilities:
 - 3D Printing Equipment for prototyping
 - Sheet Metal Shop
 - Welding & Machine shop
 - Fitting & Plumbing shop
 - Advanced Manufacturing Lab etc.
 - Latest Prototyping Software Tools like CREO, ThingWorx, etc.
- Incubation Units, If any: NA
- IP Facilitation Unit, If any: NA

D. Highlight Facilities, Infrastructure of Pre-Incubation & Incubation kind and Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus.

- Facilities, Infrastructure of Pre-Incubation

Sr. No.	Particular's/Items	Machines Available
1	Advanced Manufacturing Lab	Power saw machine
		Plasma cutting machine
		TIG Welding machine
		MIG Welding machine
		Milling machine
		Power press
		EDM Machine
		CNC Lathe Trainer Model
		CNC Mill Trainer Model
		3D Printer
2	Sheet Metal Shop	Spot welding machine
	Welding shop	Arc welding transformer

3		Drill Machine (Type-Pillar)
4	Fitting shop	Table (Bench) vice
5	Plumbing shop	Pipe vice
	Carpentry shop	Bench vice
6		Wooden lathe
7	Welding & Machine shop	Portable grinder
8	Fitting & Welding shop	Portable drill machine
9	Machine shop	Center lathe
10	Software's Available	CREO MATLAB ThingWorx etc.

- Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus
 - **Institutions Innovation Council Students Club:** Organizes and Manages activities of IIC Council throughout the year.

E. Highlight Achievements (Narrative/Graphical/tabular representation)

- Number and Different types of I&E and IPR activities Conducted:

Sr. No.	Topic	Sr. No.	Topic
1.	Workshop on "Entrepreneurship and Innovation as Career Opportunity"	2.	Orientation session of Faculties for Smart India Hackathon 2022
3.	My Story - Motivational Session by Successful Innovators.	4.	Smart India Hackathon 2022- Electrical Engineering
5.	Session on Problem Solving and Ideation Workshop	6.	Smart India Hackathon 2022: First Year
7.	Exposure and field visit for problem identification	8.	Orientation session by Innovation Ambassador
9.	Developing Online Repository of Ideas Developed and Way forward plan	10.	Session/ Workshop on Business Model Canvas (BMC)
11.	Pitching Event for PoCs developed & linkage with Innovation Ambassadors for mentorship support.	12.	Business Plan Canvas Filling
13.	Session on Achieving Problem-Solution Fit & Product-Market Fit	14.	Application of Design Thinking Tools and Approach for Right Problem Identification and Solution Development
15.	Workshop on Entrepreneurship Skill, Attitude and Behavior Development	16.	Identification of New Startup Idea
17.	Workshop on Design Thinking, Critical thinking and Innovation Design	18.	Out of the box thinking for problem solving
19.	National Innovation Day	20.	"Business Potential and Opportunity Identification for the Innovation: Innovation Rubric and Business
21.	National Education Day	22.	Session on "How to plan for Start-up and legal & Ethical Steps"
23.	India Startup Day	24.	World Entrepreneurs Day
25.	National Science Day	26.	Innovation & Entrepreneurship in HEIs for Aatmanirbhar Bharat & Celebrating 75 Years of Independence -Azadi Ka Amrit Mahotsav
27.	National Energy Conservation Day(India)	28.	Workshop on Prototype/ Process Design and Development - Prototyping
29.	National Pollution Control Day	30.	Session on Innovation/Prototype Validation - Converting Innovation into a Start-up or Session on Achieving "Value Proposition Fit" & "Business Fit"
31.	Orientation Session on IIC4.0 & Features	32.	Session on Accelerators/Incubation - Opportunities for Students & Faculties - Early Stage Entrepreneurs
33.	E-Symposium on Building Innovation Ecosystem in Educational Institutions- Day 1 (11th Jan 2022)	34.	Success story of Student Innovators and Entrepreneurs
35.	E-Symposium on Building Innovation	36.	Business Plan Development: Components

	Ecosystem in Educational Institutions- Day 2 (12th Jan 2022)		and Stages in Business Plan Development
37.	Entrepreneurship Opportunities in Mechanical Engineering	38.	World Intellectual Property Day
39.	Field/Exposure Visit to Pre-incubation units such as Fab lab, Makers Space, Design Centres, City MSME clusters, workshops etc.	40.	Workshop on Intellectual Property Rights (IPRs) and IP management for start up
41.	Entrepreneurship and Business Opportunities in Civil Engineering	42.	Session on Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs
43.	Entrepreneurship Opportunities in Electrical Engineering	44.	World Earth Day
45.	Business Plan Development: Components and Stages in Business Plan Development	46.	World Environment Day
47.	Entrepreneurship Opportunities in Computer Engineering	48.	Organise Session on "Lean Start-up & Minimum Viable Product/Business"- Boot Camp (or) Mentoring Session
49.	Application of Emotional Intelligence and Business Intelligence Quotient in Human Resource Development	50.	"Understanding Technology Readiness Level (TRL), Manufacturing Readiness Level (MRL) and Investment
51.	National Technology Day		

- No. of student's & faculty ideas generated: 30
 - Life-saving Intelligent Projector Headlight System
 - To provide solution for entire year commercial solar drying of food commodities.
 - Wheel Chair with attachment for B-Type oxygen cylinder for COPD patients
 - Wireless Charging of Electric Vehicles
- No. of student's & faculty Innovation/prototypes developed: 20
- No. of IPs generated, published and granted: 00
- No. of Student & Faculty Start-ups/Ventures established: 01(Under Process)
 - Startup Name: "PROMONER"
- Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus : 23500/-
- Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR: 15000/-
- No. of Technology Transfer and Commercialisation happened: In Process

F. Highlight few best IIC Faculty/Student members and their achievements/ Rewarded for the innovations at different forum

1. Prof. Sandesh Jain was invited as a guest speaker for IIC Regional Meet at G H Raisonni college of Engineering, Nagpur for IIC Regional Meet organized by MoE's Innovation Cell, scheduled on date 29th July 2022 (Friday).
2. Dr. J.D. Ruikar worked as an Evaluator for Smart India Hackathon 2022.
3. Prof. Arpit Sharma worked as a mentor for Smart India Hackathon 2022.
4. Prof. Sandesh Jain, worked as SPOC, SIH 2022, and conducted Internal Hackathon and 20 teams from the institute participated in SIH Grande Finale.

G. Highlight selected best Innovations & images with mention of inventor/innovation name

1. Project name: Innovation of Disposal of biomedical waste like PPE kit, masks, etc.



Students:

- Radhika Tiwari
- Shefali Pawar
- Tanmay Muralkar
- Nisarga Thape
- Anurag Watare
- Anukul Kamble

Mentor: Dr. Prathik Kulkarni

2. Project name: Wheel Chair with attachment for B-Type oxygen cylinder for COPD patients



Students:

- Prasad Komalwar
- Himanshu Titre
- Samiksha Tapase
- Pranav Kawale
- Rahul Thakre
- Ved Dagwar

Mentor: Prof. Sameer Muley, Dr. Nikhil Sohoni

3. Project Name: Tire Quality Monitoring System, Winner, 7th India International Science Festival, Panaji



- H. Highlight selected start-ups established by students/faculties with mention of founder/cofounder name

Startup Name: "PROMONER"

Project Name: Swirl-Flow LPG Burner Head



Students Name:

- i. Harshal Kotewar
- ii. Asif Sheikh
- iii. Sumed Rohankar
- iv. Shreyash Sahu
- v. Shubham Chapade
- vi. Shivam Tak

Guided By: Dr. Pawan Chandak

I. List if any break through Innovations / Technology Developed at the institute (2-3 technology with 2-3 lines about technology and innovation:

1. Project name: Reducing glare of headlamp beams from oncoming traffic.



Students:

- Tanay Nakhale
- Tanushree Chore
- Mahesh Lanjewar
- Mayuri Ugemuge
- Kishita Dhale
- Suyash Dahake.

Mentor: Team Ausories: Dr. Harshit Dalvi, Dr. Vijay Deshmukh

Achievement: Winner, ARAI Technovuus Mobility Hackathon 2022

Winner, Students, Innovation Category, SIH 2022.

J. Participation of IIC-institute in various programs of Central and Stage Govt. Highlighting specially for the schemes or programs

- NISP Adoption status - Trained Faculty, Policy Formulation, Policy Implementation

In February 2019, the Ministry of Human Resource Development (MHRD) along with AICTE Innovation Cell (MIC) released the National Innovation and Start-up Policy 2019 (NISP-2019) for students and faculty of HEIs. Based on NISP 2019, Bajaj Institute of Technology Wardha, wish to formulate a start-up policy for students, faculty and staff members. The ultimate aim of framing this policy is to create a strong ecosystem for the benefit of all the stakeholders

The Innovation and Startup Policy is posted on the BIT website for students and faculty reference.

Link to Policy:

<https://bitwardha.ac.in/innovation-and-entrepreneurship-policy-2/>

- Smart India Hackathon:

In Smart India Hackathon 2020, BIT was Proud to be on No. 4rd position in the nation with **11** software projects and **09** hardware projects selected for the National finals of Smart India Hackathon 2022

6 Teams from BIT have won SIH 2022 Competition (Hardware & Software Edition)

The Teams are:

Team The Brainiacs, Team CareLifters, Team Tenacious, Team Ravens, Team Ausories, Team Power Optimizers

Sr. No.	Name of Team	Team Leader	Nodal Center	State	City
1	29591 - AyuCare	MANSI KISHOR TIKHILE	Amal Jyothi College of Engineering	Kerala	Kanjirapally
2	27647 - CARE LIFTERS	PRATIK VIJAYRAO WATMODE	B. S. Abdur Rahman Crescent Institute of Science & Technology	Tamil Nadu	Chennai

Sr. No.	Name of Team	Team Leader	Nodal Center	State	City
3	28045 - Team Tenacious	PRASAD KOMALWAR	B. S. Abdur Rahman Crescent Institute of Science & Technology	Tamil Nadu	Chennai
4	20197 - Ausories	TANAY MUNNAJI NAKHALE	Bhilai Institute of Technology	Chhattisgarh	Durg
5	19294 - Power Optimizers	CHINMAY R. GOSWAMI	Bhilai Institute of Technology	Chhattisgarh	Durg
6	27688 - BIT Drone Humaze	KHUSHI GAJANAN DEULKAR	JAIN (Deemed-to-be University) Faculty of Engineering and Technology	Karnataka	Bengaluru
7	27640 - Go-Mech	SAKSHI WAGHMARE	JAIN (Deemed-to-be University) Faculty of Engineering and Technology	Karnataka	Bengaluru
8	27982 - Ravens	MRUDULA RAJESH BORKAR	Kalasalingam Academy of Research and Education	Tamil Nadu	Srivilliputtur
9	27408 - Team KAVACH	RADHIKA TIWARI	Arya Institute of Engineering and Technology	Rajasthan	Jaipur
10	28572 - Salvador	Rutuja Ghawghawe	Gujarat Technological University	Gujarat	Ahmedabad
11	30745 - Team Dyunetra	Yashwardhan Katkamwar	Chandigarh Engineering college-CGC	Punjab	Landran, Mohali
12	29632 - Team Culture	Anuj Yadav	Hindusthan Institute of Technology, Coimbatore	Tamil Nadu	Coimbatore
13	31403 - Team Unloaders	SHRAVAN VIJAY ANDRASKAR	IIT KANPUR	Uttar Pradesh	KANPUR
14	28027 - The Brainiacs	Vishnu Mate	JSS TECHNOLOGICAL UNIVERSITY	Karnataka	Mysore
15	28556 - FLOOD FORECASTERS	VINAY JIVAN SHENDE	Karnavati University	Gujarat	Gandhinagar
16	31218 - TEAM BITBYTES	Tanushree Dhongale	KPR Institute of Engineering and Technology	Tamil Nadu	Coimbatore
17	28505 - Flood Brigade	Pranay Navghare	Manipal University Jaipur	Rajasthan	Jaipur
18	31708 - Team BITKNIGHTS	Parikshit Nilkanth Satibavane	SAGE University Indore	Madhya Pradesh	Indore
19	Team Code-X	Harshali Raut	SCMS School of Technology and Management	Kerala	Ernakulam
20	30594 - Apocalypse	Dwij Naranje	Sikkim Manipal Institute of Technology	Sikkim	RANGPO

- ARIIA – NA

K. Details of Social Media & Connections of IIC institute

- Institute Social Media Handles
 Facebook: <https://www.facebook.com/bitwardha1>
 Twitter: <https://twitter.com/bitwardha>
 LinkedIn: <https://www.linkedin.com/in/bajaj-institute-of-technology-wardha-a27b52186/>
- Institute Innovation Council Social Media Handles
 Facebook: <https://www.facebook.com/BITWardhaIIC>
 Twitter: https://twitter.com/bitw_iic

L. Testimonials from IIC members and external about IIC institute and IIC of MoE's Innovation Cell

Mr. Shantaram Awachat, MD, Awachat Industries Ltd. Wardha

It's my pleasure to contribute in the IIC Activities of Bajaj Institute of Technology, Wardha. The institute is taking utmost efforts to enhance the culture of innovation and creativity. Students are taking great interest and faculty are mentoring them very nicely. As an ecosystem enabler, it gives me satisfaction to be a part of this IIC System.

Dr. N. M. Kanhe, BIT, IIC

Firstly, I would like to congratulate IIC Committee for their great performance in IIC 3.0. The achievements our college have received over the past year be it in NIC 2020 or SIH 2020 & SIH 2022 show the zeal and enthusiasm of the committee and their willingness to take the institute to the new heights. I appreciate Team IIC for conducting around 50+ Activities across the year in both online and offline mode this year.

I also congratulate Team MoE's Innovation Cell for fostering the culture of Innovation in all Higher Education Institutions (HEIs) across the country. The activities prescribed by the Innovation Council always pave a path for promoting and supporting student innovations and sustainable start-ups from academic institutions. My Best Wishes to Team BIT-IIC for their future endeavours.

Dr. S. M. Mahajan, President, BIT-IIC

On the onset, firstly, I would like to thank our management for granting all the facilities required for conducting all the activities round the year. I would also like to congratulate the team for achieving second highest possible stars in the first year of inception of IIC.

I would also like to thank Team MIC for its continuous guidance and support and developing such an ecosystem that engage, encourage and channelize the creative energy and entrepreneurial potential of Indian youths to build innovations and enterprises.

I would urge my Team to work harder to complete all the activities of IIC effectively living to the true sense of the word and encourage student to build more innovative product in the upcoming year.

Mr. Sandesh Jain, Convener, BIT, IIC

I am very thankful our Management, Hon'ble Principal and President BIT for guiding me and motivating our team to conduct activities across the year. I would like to thank the team IIC for conducting various innovation and entrepreneurship-related activities prescribed by Central MIC in time-bounded fashion.

I would like to thank Team MIC for helping us related to any difficulty we have faced and motivating us my conducting periodically mentoring session and guiding us to become the innovation ambassador of the college. I would urge all IIC members that let us strive hard to achieve our IIC Mission of creating job creators rather than job seekers. Thank You.

(P. T. O)

M. Images



IIC Quarterly Meeting



Identification of New Startup Idea



National Science Day



Project Exhibition



Orientation Session on IIC4.0 & Features

N. Contacts

1. Dr. N. M. Kanhe, Principal: principal@bitwardha.ac.in
2. Dr. S. M. Mahajan, President IIC, iic@bitwardha.ac.in
Sandesh Jain, Convener, IIC, Sandesh.jain@bitwardha.ac.in, +919665799928



Shiksha Mandal's
BAJAJ INSTITUTE OF TECHNOLOGY, PIPRI, WARDHA
Institution's Innovation Council

Date: 15/09/2023

Annual Report 2022-23

A. About IIC Institute

Shiksha Mandal started the Bajaj Institute of Technology at Wardha in 2017-18, which is affiliated to Dr. Babasaheb Ambedkar Technological University, the only state Technological University of Maharashtra. The advantage of this is that the curriculum and valuation is of high quality. Its uniqueness is its focus on enhancing students capability through rigorous learning, an emphasis on learning fundamentals and capacity to use them through hands-on work in the workshop and laboratories and through projects. All students undergo internship in industry during the summer break at various reputed companies all over India. In short, BIT is committed for producing industry ready engineers and good human beings who will innovate and deliver.

- Vision / Mission of IIC established at the Institute

Vision: Promote creativity in young students by encouraging, inspiring and nurturing their constructive ideas through various platforms to come out with innovative solutions.

Mission:

- Develop innovation ecosystem by enabling easy and efficient interaction between its major stakeholders through events like interactive sessions, competitions and workshops.
- To encourage innovative thinking and activity, business knowledge, and commercial awareness.
- To stimulate participation and interaction between students, entrepreneurs, alumni, faculty and prominent individuals in the world.

- Journey of IIC established at the Institute

Institution's Innovation Council (IIC) at BIT, Wardha was established as per the guidelines of 'MoE's Innovation Cell (MIC)' in the year 2019. The first quarterly meeting of the Council was conducted on 27/09/2019 under the visionary leadership of Principal Dr. N. M. Kanhe. The initiative was to create a vibrant local innovation ecosystem, start-up supporting mechanism, establish a functional ecosystem for scouting ideas and pre-

incubation of ideas and to develop a better cognitive ability for technology students. IIC, BIT Wardha is actively involved in organizing and conducting seminars, workshops, exposure visits, Idea competitions etc. for its students and faculties.

In the first year of the establishment of IIC 2.0, the institute has achieved many milestones and have performed exceptionally well in various national competitions and activities.

- Institute was awarded 4.5/5-star rating for IIC Session for the year (IIC 2.0 Calendar Year) (2nd Highest Rating) with around 44 activities conducted throughout the year.



- BIT was Proud to be on No. 1 position in the nation with 7 software projects and 2 hardware projects selected for the National finals of Smart India Hackathon 2020.
- 02 Students won prizes in the University level competition organized by DBATU, University. These students were mentored by IIC.

After the success of IIC 2.0, the Institution's Innovation Council IIC 3.0's first quarterly meeting was conducted through online mode on 12/11/2020 under the leadership of Principal Dr. N. M. Kanhe and chairmanship of President, BIT-IIC, Dr. S. M. Mahajan.

- In the IIC 3.0 Calendar year, around 40 Activities were conducted for the overall development of students, for imbibing the culture of innovation amongst them.
- Two teams 'Team Algorithmic' and 'Team TechHydra' won in Software & Hardware Editions respectively of Smart India Hackathon 2020 and received 1 Lakhs Prize Money each from Government of Sikkim and Government of Andhra Pradesh respectively.



- "Team Promoner" from Mech. Engineering Dept. won National Innovation Challenge 2020, organized by MoE's Innovation Council, GoI and have received 3 Lakhs grant from MIC.



- Team IIC was fortunate to have resource persons from across the board from varying fields like academia, industry, incubators etc. of national and international repute.

Following the footsteps of IIC 3.0, the Institution's Innovation Council IIC 4.0's first quarterly meeting was conducted on 17/12/2021 under the leadership of Principal Dr. N. M. Kanhe and chairmanship of President, BIT-IIC, Dr. S. M. Mahajan.

- Institute was awarded a star rating of 3.5/5 in the IIC 4.0 Calendar Year. Around 51 Activities were conducted in the year.



- In Smart India Hackathon 2022, BIT was proud to be on No. 4th position in the nation with 11 software projects and 09 hardware projects selected for the National finals of Smart India Hackathon 2022. 6 Teams from BIT have won SIH 2022 Competition (Hardware & Software Edition)



The Institution's Innovation Council IIC 5.0's first quarterly meeting was conducted on 24/02/2023 under the leadership of Principal Dr. N. M. Kanhe and chairmanship of President, BIT-IIC, Dr. S. M. Mahajan.

- Around 50 activities were conducted for the overall development of the students, for imbibing the culture of innovation amongst them.
- 12 students participated in Avishkar 2022, State-Level Inter-University Research Festival. Four students won at the university level and represented university at the state-level.
- 04 Patents based on the projects of various competitions were registered.

- Diversified representation exists in the IIC established at the institute from industry, Interdisciplinary & Departments/ Units etc.

Sr. No	Name of Expert	Organization and Position
1	Dr. Karmraj Yadav	Director, Mahatma Gandhi Institute for Rural Industrialization (MGIRI) (National Institute under the Ministry of MSME, Govt of India)
2	Mr. Shrikant Shrikhande	AVP (Power), Abhijeet Group, Nagpur.
3	Mr. Shantaram Awachat	MD, Awachat Industries Ltd. Wardha

B. Portfolio/graphical/Tabular representation of Resource strength (human capital and Physical capital) of the IIC institution

- Total No. of IIC Members: 26

The IIC member's details for the academic year 2022-23 are as follows:

Sr. No	Name of Faculty	Department	Role
1.	Dr. N. M. Kanhe	Civil Engineering	Principal, IP Expert
2.	Dr. Sanjay M. Mahajan	Civil Engineering	President
3.	Dr. Jayesh. D. Ruikar	Electrical Engineering	Vice President
4.	Dr. Manish. D. Pasarkar	Mechanical Engineering	NISP Co-ordinator
5.	Dr. Kantilal. D. Joshi	Electrical Engineering	NIRF Coordinator
6.	Sandesh D. Jain	Computer Engineering	Convener, ARIIA Coordinator
7.	Dr. Pawan A. Chandak	Mechanical Engineering	IPR Activity Coordinator
8.	Abhishek M. Kinhekar	Computer Engineering	Social Media Coordinator
9.	Anirudha M. Marothiya	Electrical Engineering	Start-up Activity Coordinator
10.	Dr. Harshad D. Phadke	Civil Engineering	Internship Activity Coordinator
11.	Amol S. Jumde	Computer Engineering	Innovation Activity Coordinator
12.	Dr. Partha Sarathi Subudhi	Electrical Engineering	Member

13.	Dr. Nikhil Sohoni	Mechanical Engineering	Member
14.	Dr. Bhushan Dharmik	Mechanical Engineering	Member
15.	Miss. Sanika Ravindra Bhojar	President, Start-BIT	Student Council Head

- Total No. of Innovation Ambassadors: 08 Faculty Members

Sr. No.	Name of Faculty	Branch	Innovation Ambassador Training Level Completed
1	Dr. Manish Pasarkar	Mechanical Engg.	Advanced Level Training
2	Dr. Pawan Chandak	Mechanical Engg.	Basic Level Training
3	Prof. Mandar Gupte	Mechanical Engg.	Basic Level Training
4	Prof. Abhishek Kinhekar	Computer Engg.	Basic Level Training
5	Prof. Amol Jumde	Computer Engg.	Basic Level Training
6	Dr. Jayesh Ruikar	Electrical Engg.	Basic Level Training
7	Prof. Anirudha Marothiya	Electrical Engg.	Basic Level Training
8	Prof. Sandesh Jain	Computer Engg.	Advanced Level Training

- Total No. of faculty Mentors(From Portal): 14
- Pre-Incubation Units:
 - A Workshop of around 1600 sq. meters consisting of modern machinery and equipment.
 - Facilities:
 - 3D Printing Equipment for prototyping
 - Sheet Metal Shop
 - Welding & Machine shop
 - Fitting & Plumbing shop
 - Advanced Manufacturing Lab etc.
 - Latest Prototyping Software Tools like CREO, ThingWorx, etc.
- Incubation Units, If any: NA
- IP Facilitation Unit, If any: NA

C. Highlight Facilities, Infrastructure of Pre-Incubation & Incubation kind and Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus.

- Facilities, Infrastructure of Pre-Incubation

Sr. No.	Particular's/Items	Machines Available
1	Advanced Manufacturing Lab	Power saw machine

		Plasma cutting machine
		TIG Welding machine
		MIG Welding machine
		Milling machine
		Power press
		EDM Machine
		CNC Lathe Trainer Model
		CNC Mill Trainer Model
		3D Printer
2	Sheet Metal Shop	Spot welding machine
3	Welding shop	Arc welding transformer
		Drill Machine (Type-Pillar)
4	Fitting shop	Table (Bench) vice
5	Plumbing shop	Pipe vice
	Carpentry shop	Bench vice
6		Wooden lathe
7	Welding & Machine shop	Portable grinder
8	Fitting & Welding shop	Portable drill machine
9	Machine shop	Center lathe
10	Software's Available	CREO, MATLAB, ThingWorx etc.

- Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus
 - **Institutions Innovation Council Students Club:** Organizes and Manages activities of IIC Council throughout the year.

D. Highlight Achievements (Narrative/Graphical/tabular representation)

- Number and Different types of I&E and IPR activities Conducted: 50

The following are the activities conducted in IIC 5.0

Activity No.	Topic/ Title of Event	Talk/ Workshop/ Seminar/ Hackathon/ Field Visit	Type of IIC Activity (IIC Calendar Activity/ MIC Driven Activity/ Self-Driven Activity/ Celebration Day Activity/	Quarter (I/ II/ III/ IV)	No. of Students & Faculty Beneficiary/ Participants
1	Workshop on Entrepreneurship and Innovation as Career Opportunity	Level 1 - Expert Talk	IIC Calendar Activity	Quarter I	53
2	Launch of 5G services	Level 1 - Expert Talk	MIC Driven	Quarter I	59
3	Innovation Day	Level 1 - Expert Talk	Celebration	Quarter I	43
4	Top Student Innovators and Entrepreneurs from NIC 2021	Level 1 - Mentoring Session	Self Driven	Quarter I	53
5	AVISHKAR 2022 Institute Level Competition	Level 2 - Seminar	Self Driven	Quarter I	46
6	Smart City Hackathon	Level 2 - Workshop	Self Driven	Quarter I	54
7	Session on Problem Solving and Ideation Workshop	Level 2 - Workshop	IIC Calendar Activity	Quarter I	68

Activity No.	Topic/ Title of Event	Talk/ Workshop/ Seminar/ Hackathon/ Field Visit	Type of IIC Activity (IIC Calendar Activity/ MIC Driven Activity/ Self-Driven Activity/ Celebration Day Activity/	Quarter (I/ II/ III/ IV)	No. of Students & Faculty Beneficiary/ Participants
8	National Education Day	Level 2 - Workshop	Celebration	Quarter I	46
9	Newspaper Headlines Brainstorming	Level 2 - Workshop	Self Driven	Quarter I	48
10	Exposure and field visit for problem identification	Level 3 - Workshop	IIC Calendar Activity	Quarter I	46
11	Exposure Visit for Problem Identification for Startup and Entrepreneurship in Hilly Areas	Level 3-Exposure Visit	Self Driven	Quarter I	46
12	Inter/Intra Institutional Idea Competition/Challenge/Hackathon and Reward Best Ideas - Manage through YUKTI-NIR	Level 4 - Challenges	IIC Calendar Activity	Quarter I	47
13	Green City Challenge-Hackathon	Level 1 - Exposure Visit	Self Driven	Quarter II	57
14	Session on Achieving Problem-Solution Fit & Product-Market Fit	Level 2 - Workshop	IIC Calendar Activity	Quarter II	43
15	Poster Competition on "Innovations & United Nation Sustainable Development Goals	Level 2 - Workshop	Self Driven	Quarter II	52
16	Leadership Talk with Prof. T. G. Sitharam, Honorable Chairman, All India Council for Technical Education (AICTE)	Level 1 - Expert Talk	MIC Driven	Quarter II	44
17	Expert talk on "Process of Innovation Development & Technology Readiness Level (TRL) & Commercialisation of Lab Technologies & Tech-Transfer"	Level 1 - Expert Talk	IIC Calendar Activity	Quarter II	55
18	Field/Exposure Visit to Pre-incubation units such as Ideas Lab, Fab lab, Makers Space, Design Centres, City MSME clusters, workshops etc.	Level 3- Exposure Visit	IIC Calendar Activity	Quarter II	121
19	Mentoring Event: Demo Day/Exhibition/Poster Presentation of Innovations/Prototypes & linkage with Innovation Ambassadors/Experts for Mentorship Support - Manage through YUKTI-NIR	Level 4 - Exhibition/Demo Day	IIC Calendar Activity	Quarter II	140
20	Orientation Session on IIC 5.0 & Features	Level 1 - Expert Talk	MIC Driven	Quarter II	59
21	Advertisement: Pamphlet & Radio Advertisement Making	Level 3 - Workshop	Self Driven	Quarter II	49
22	Interaction With Winners Of Smart India Hackathon 2022	Level 1 - Mentoring Session	Self Driven	Quarter II	81
23	National Science Day	Level 2 - Workshop	Celebration	Quarter II	49
24	National Youth Day	Level 1 - Expert Talk	Celebration	Quarter II	55

Activity No.	Topic/ Title of Event	Talk/ Workshop/ Seminar/ Hackathon/ Field Visit	Type of IIC Activity (IIC Calendar Activity/ MIC Driven Activity/ Self-Driven Activity/ Celebration Day Activity/	Quarter (I/ II/ III/ IV)	No. of Students & Faculty Beneficiary/ Participants
25	National Startup Day	Level 3 - Competition/Hackathon	Celebration	Quarter II	120
26	National Energy Conservation Day(India)	Level 3 - Competition/Hackathon	Celebration	Quarter II	142
27	National Pollution Control Day	Level 1 - Expert Talk	Celebration	Quarter II	46
28	Exposure Visit to Chikaldara to identify problems arising due to Topography	Level 3-Exposure Visit	Self Driven	Quarter II	47
29	World Creativity and Innovation Day	Level 1 - Expert Talk	Celebration	Quarter III	53
30	International Women's Day	Level 1 - Expert Talk	Celebration	Quarter III	83
31	Celebrating India's presidency of the G20	Level 1 - Expert Talk	MIC Driven	Quarter III	46
32	Hack The Future Hackathon	Level 1 - Expert Talk	Self Driven	Quarter III	72
33	World Intellectual Property Day	Level 1 - Expert Talk	Celebration	Quarter III	73
34	National Technology Day	Level 1 - Mentoring Session	Celebration	Quarter III	42
35	National Technology Week Inaugural Address of Hon'ble Prime Minister of India at 10.00 AM, 11th May 2023	Level 1 - Mentoring Session	MIC Driven	Quarter III	41
36	Innovation Scavenger Hunt	Level 2 - Competition	Self Driven	Quarter III	45
37	Workshop on Intellectual Property Rights (IPRs) and IP management for start up	Level 2 - Workshop	IIC Calendar Activity	Quarter III	73
38	Session/ Workshop on Business Model Canvas (BMC)	Level 2 - Workshop	IIC Calendar Activity	Quarter III	44
39	Interaction with Innovation Ambassador	Level 2 - Workshop	Self Driven	Quarter III	80
40	Field/Exposure Visit to Incubation Unit/Patent Facilitation Centre/ Technology Transfer Centre such as Atal Incubation Centre etc	Level 3 - Exposure Visit	IIC Calendar Activity	Quarter III	41
41	Creating YUKTI Innovation Repository & Participation in Innovation Challenge	Level 4 - Exhibition/Demo Day	MIC Driven	Quarter III	25
42	Internal Hackathon "Civil Engineering for Social Good"	Level 1 - Expert Talk	Self Driven	Quarter IV	31
43	World Entrepreneurs Day	Level 1 - Expert Talk	Celebration	Quarter IV	45
44	celebrate the 3rd Anniversary of the National Education Policy (NEP) 2020 and the 2nd edition of the Akhil Bhartiya	Level 1 - Expert Talk	MIC Driven	Quarter IV	47

Activity No.	Topic/ Title of Event	Talk/ Workshop/ Seminar/ Hackathon/ Field Visit	Type of IIC Activity (IIC Calendar Activity/ MIC Driven Activity/ Self-Driven Activity/ Celebration Day Activity/	Quarter (I/ II/ III/ IV)	No. of Students & Faculty Beneficiary/ Participants
	Shiksha Samagam				
45	Poster Competition on Innovation & Entrepreneurship	Level 1 - Mentoring Session	Self Driven	Quarter IV	79
46	World Environment Day	Level 2 - Competition	Celebration	Quarter IV	58
47	Products from Every Day Challenge	Level 2 - Competition	Self Driven	Quarter IV	45
48	Organise Session on "Lean Start-up & Minimum Viable Product/Business"- Boot Camp (or) Mentoring Session	Level 2 - Seminar	IIC Calendar Activity	Quarter IV	42
49	Session on Accelerators/Incubation - Opportunities for Students & Faculties - Early Stage Entrepreneurs	Level 2 - Workshop	IIC Calendar Activity	Quarter IV	85
50	Demo Day/Exhibition/Poster Presentation of Start-Ups & Linkage with Innovation Ambassadors/Experts for Mentorship Support - Manage through YUKTI-NIR	Level 4 - Challenges	IIC Calendar Activity	Quarter IV	35

- No. of student's & faculty ideas generated: 21
 - Umeed (Platform for Students/People with Psychological Problems)
 - Controller Design for Desert cooler to optimize power utilisation
 - Rural Water supply scheme through underground bandhara with automatic water Quality monitoring, distribution and leakage detection.
 - Caution Crew
 - Tyre safety release valve
 - Autonomous Wireless Charger For Electric 2 Wheeler.
- No. of student's & faculty Innovation/prototypes developed: 16
- No. of IPs generated, published and granted: 04
- No. of Student & Faculty Start-ups/Ventures established: NIL
- No. of Technology Transfer and Commercialisation happened: NIL

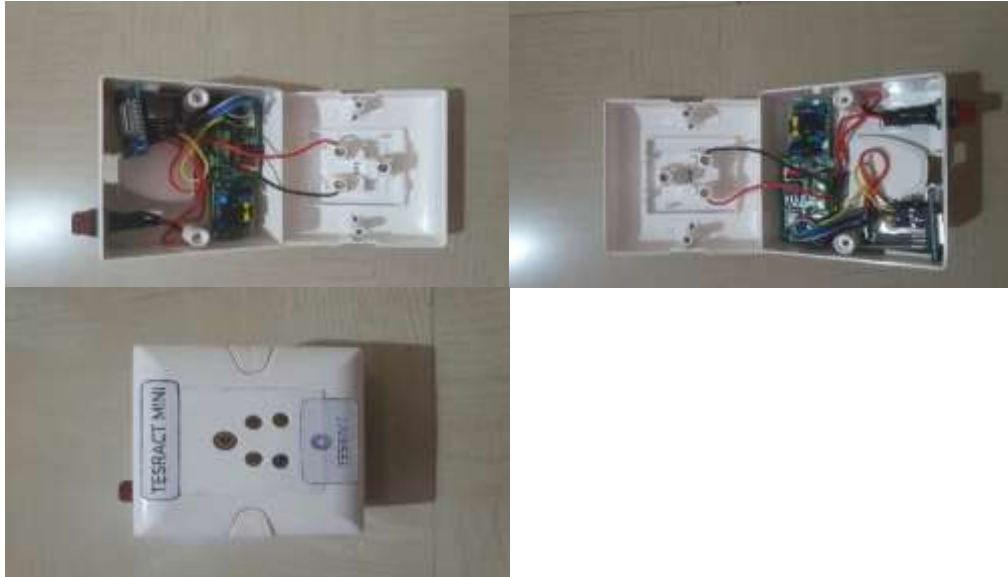
E. Highlight few best IIC Faculty/Student members and their achievements/ Rewarded for the innovations at different forum

1. Dr. J. D. Ruikar worked as institute and zonal co-ordinator Avishkar 2023, an annual State-Level Inter-University Research Festival.
2. Dr. Pawan Chandak worked as a mentor in KPIT Sparkle 2023 Event for the project on "Tyre safety release valve"

3. Dr. Partha Sarathi Subudhi and Dr. K. D. Joshi filed a patent on 05/02/2023 with application number "202321001006" titled. "Multi Coil Contactless charger for Charging Multiple Electric Vehicles Simultaneously"
4. Dr. Partha Sarathi Subudhi, Dr. K. D. Joshi, Prof. A. S. Marothiya filed a patent on 05/01/2023 with application number "202321001113" titled "Smart Contactless Autonomous Charger For electric vehicles"
5. Prof. Sandesh Jain worked as SPOC, SIH 2023.

F. Highlight selected best Innovations & images with mention of inventor/innovation name

1. Project name: Controller Design for Desert cooler to optimize power utilisation



Team Leader: Anukul Kamble
Mentor: Dr. Aniruddha Marothiya

2. Project name: A wearable device to monitor human health condition and recommend remedies for improving unhealthy condition



Team Leader: Mansi Tikhile
Mentor: Dr. Rahul Somalwar, Dr. Jayesh Ruikar
Patent: Granted (2022/12898) Date: 22/02/2023
Title: A wearable device to monitor human health condition and recommend remedies for improving unhealthy condition

3. Project name: Tyre safety release valve



Team Leader: Darpan Satija Ved
Mentor: Dr. Pawan Chandak

G. Highlight selected start-ups established by students/faculties with mention of founder/cofounder name:
NIL

H. List if any break through Innovations / Technology Developed at the institute (2-3 technology with 2-3 lines about technology and innovation:

1. Project name: Multi Coil Contactless charger for Charging Multiple Electric Vehicles Simultaneously





Team Members:

- Astha Naware
- Animesh Shendhe
- Mayur Tadas

Mentor: Dr. Partha Sarathi, Subudhi Dr. K. D., Joshi Prof. A. S. Marothiya

S No	Title	Name of Inventor/s	Patent/Copyright Number	Status
1.	Multi Coil Contactless charger for Charging Multiple Electric Vehicles Simultaneously	Dr. Partha Sarathi Subudhi Dr. K. D. Joshi	202321001006 (Provisional)	Filed 05/02/2023
2.	Smart Contactless Autonomous Charger For electric vehicles	Dr. Partha Sarathi Subudhi Dr. K. D. Joshi Prof. A. S.	202321001113	Filed 5/01/2023

I. Participation of IIC-institute in various programs of Central and State Govt. Highlighting specially for the schemes or programs

- NISP Adoption status - Trained Faculty, Policy Formulation, Policy Implementation

In February 2019, the Ministry of Human Resource Development (MHRD) along with AICTE Innovation Cell (MIC) released the National Innovation and Start-up Policy 2019 (NISP-2019) for students and faculty of HEIs. Based on NISP 2019, Bajaj Institute of Technology Wardha, wish to formulate a start-up policy for students, faculty and staff members. The ultimate aim of framing this policy is to create a strong ecosystem for the benefit of all the stakeholders

The Innovation and Startup Policy is posted on the BIT website for students and faculty reference.

Link to Policy:

<https://bitwardha.ac.in/innovation-and-entrepreneurship-policy-2/>

- Yukti Innovation Challenge:
09 Teams were nominated from the institute in the YUKTI Innovation Challenge 2023.
- 12 students participated in Avishkar 2022, State-Level Inter-University Research Festival. Four students won at the university level and represented university at the state-level.
- ARIIA – NA

J. Details of Social Media & Connections of IIC institute

- Institute Social Media Handles
Facebook: <https://www.facebook.com/bitwardha1>
Twitter: <https://twitter.com/bitwardha>
LinkedIn: <https://www.linkedin.com/in/bajaj-institute-of-technology-wardha-a27b52186/>
- Institute Innovation Council Social Media Handles
Facebook: <https://www.facebook.com/BITWardhaIIC>
Twitter: https://twitter.com/bitw_iic

K. Testimonials from IIC members and external about IIC institute and IIC of MoE's Innovation Cell

Dr. Karmraj Yadav, Director, Mahatma Gandhi Institute for Rural Industrialization (MGIRI)

Bajaj Institute of Technology's IIC has done a great job in last three years and is progressing well in terms of developing a culture of start-up and innovation. I am happy to note that institute in a short span of 6 years has already marked its niche at the national level bagging several accolades. I am sure that the IIC will march ahead in establishing a wonderful culture of innovation in faculty and students. My best wished to the institute for its future endeavours through this council.

Dr. N. M. Kanhe, Principal, BIT

First, heartfelt congratulations to the outstanding IIC Committee for their stellar performance in IIC 4.0! The remarkable achievements of our college in events such as NIC 2020, SIH 2020 & SIH 2022, Avishkar, and patent creation truly highlight the committee's unwavering zeal and enthusiasm. Their relentless dedication is propelling our institute to new heights of excellence.

A special shout-out to Team IIC for orchestrating a phenomenal array of 50+ activities throughout the year, seamlessly transitioning between online and offline modes. Their dynamic approach has kept the spirit of innovation alive and thriving on our campus.

I also extend my heartfelt congratulations to Team MoE's Innovation Cell for being the catalyst in fostering a culture of innovation across Higher Education Institutions (HEIs) nationwide. The activities recommended by the Innovation Council consistently lay the groundwork for championing and nurturing student innovations, as well as sustainable start-ups emerging from academic institutions.

As we applaud the achievements, let's also extend our best wishes to Team BIT-IIC for their future endeavours. May they continue to inspire, innovate, and set new benchmarks on their journey forward. Here's to a future filled with even more ground breaking successes!

Dr. S. M. Mahajan, President, BIT-IIC

At the outset, I extend my heartfelt gratitude to our esteemed management for their unwavering support in providing the necessary facilities for the seamless execution of activities throughout the year. Your commitment has played a pivotal role in our collective success. Kudos to the team for achieving the highest star ratings, a testament to our shared dedication and hard work.

A special acknowledgment goes to Team MIC for their invaluable guidance and continuous support. Their efforts in cultivating an ecosystem that actively engages, encourages, and channels the creative and entrepreneurial potential of Indian youth deserve commendation. It is through such initiatives that we witness the birth of innovations and enterprises that redefine the landscape.

As we reflect on our achievements, I congratulate my team for getting the second best rating for the Year IIC 4.0 and urge my dedicated team to intensify their efforts, ensuring the effective completion of all IIC activities. Let's embody the true essence of innovation and inspire our fellow students to embark on a journey of creating ground breaking products in the upcoming year.

Together, let's build an environment that fosters creativity, embraces challenges, and paves the way for a future where innovation knows no bounds.

Mr. Sandesh Jain, Convener, BIT, IIC

Gratitude fills my heart as I extend sincere thanks to our Management, Hon'ble Principal, and President BIT for their unwavering guidance and motivation that have been instrumental in steering our team throughout the year. Your leadership has been a beacon, inspiring us to embark on a journey of continuous improvement.

A special appreciation goes out to Team IIC for their commitment in orchestrating a myriad of innovation and entrepreneurship-related activities, meticulously following the directives laid out by the Central MIC in a time-bounded fashion. Your dedication has truly set a benchmark for excellence.

I express my gratitude to Team MIC for their invaluable support during challenging times. Their proactive assistance, periodic mentoring sessions, and guidance have been pivotal in shaping us into ambassadors of innovation for the college. It is through your encouragement that we find the strength to overcome obstacles and strive for greatness.

To my fellow IIC members, let us collectively channel our efforts towards the noble mission of creating job creators instead of job seekers. Together, we can make a lasting impact and contribute to a future where innovation thrives. Thank you for your dedication and let's continue our journey with renewed vigor and purpose.

L. Images

Yukti Innovation Challenge 2023



Interaction with Students Innovators



Poster Making Competition



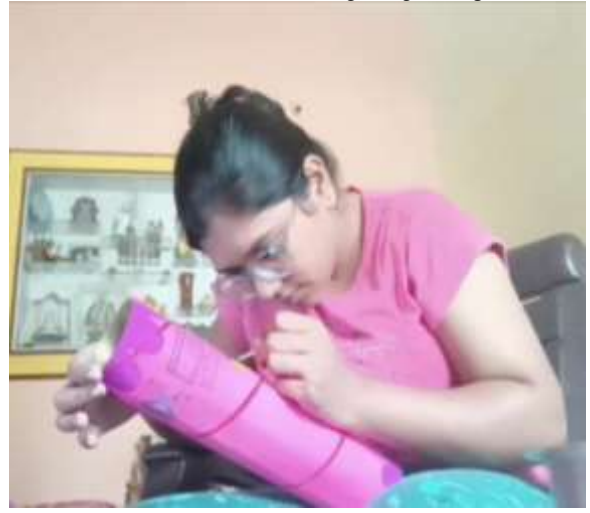
Kavach Hackathon



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