



Shiksha Mandal's

**BAJAJ INSTITUTE OF
TECHNOLOGY, PIPRI, WARDHA**

**SAMPLES OF
SUPPORTING DOCUMENTS**

CRITERION-III

**Key Indicator: 3.2 –
Innovation Ecosystem**

Metric: 3.2.1

Institution has created an ecosystem for innovations, Indian Knowledge System, (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer off knowledge/ technology and the outcomes of the same are evident



Shiksha Mandal's

BAJAJ INSTITUTE OF TECHNOLOGY, PIPRI, WARDHA

Institution's Innovation Council (IIC)



Ministry of
Education
Government of India



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiatives)



CERTIFICATE

Institution's 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 2020-21.

Prof. Anil D.Sahasrabudhe
Chairman
AICTE

Dr. Abhay Jere
Chief Innovation
Officer
MOE, Innovation
Cell

Mr. Dipan Sahu
Assistant Innovation Director
MOE, Innovation Cell

Certificate No : 2076

Issued On : 2022-01-03



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**List of Major Equipments & Softwares for
Testing, Consultancy Services & R&D**

and

**Details of
Testing & Consultancy Services Offered**



EQUIPMENTS PROCURED FOR TESTING, CONSULTANCY & RESEARCH

DEPARTMENT OF CIVIL ENGINEERING

Laboratory	Sr. no.	Name of Equipment /Software available for Research and Consultancy Work	Cost of the Equipment (In Rs.)
Concrete Technology Lab.	1.	Slump Cone	3,536/-
	2.	Compaction Factor Test	20,320/-
	3.	Vee Bee Consistometer	32,002/-
	4.	Flexural Testing Machine	1,25,262/-
	5.	Concrete Mixer	1,50,166/-
	6.	Accelerated curing tank	1,37,592/-
	7.	Pyconometer	562/-
	8.	Vicat apparatus	2,442/-
	9.	Sieve Analysis	7,009/-
Strength of Materials/Mechanics of Solids Lab.	1.	Universal Testing Machine	9,99,381/-
Geotechnical Engineering/Soil Mechanics Lab.	1.	Core Cutter	3,175/-
	2.	Oven (105C to 110C)	69,030/-
	3.	Sieve Set	3,929/-



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	4.	Pycnometer	562/-
	5.	Sand Replacement Apparatus	4,513/-
	6.	Liquid Limit	6,041/-
	7.	Shrinkage Limit	4,130/-
	8.	Plastic Limit	3,068/-
	9.	Sampling Tube	951/-
	10.	CBR	92,014/-
	11.	Plate Load test	4,10,399/-
	12.	Standard Penetration Test	56,300/-
Structural Health and Monitoring Lab.			
	1	Rebound Hammer	37,170/-
	2	Ultrasonic Pulse Velocity	2,18,300/-
	3	Rebar Detector	11,800/-
	4	Hal cell Potentiometer	2,12,400/-
	5.	Core cutter	82,135/-
Surveying Lab.			
	1.	Total Station	2,44,544/-
Transportation Lab.			
	1.	Compressive Testing Machine	4,20,679/-
	2.	Water Bath	21,240/-
	3.	Penetrometer	27,250/-
	4.	Bitumen Penetration kit	12,312/-



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	5.	Flash and Fire Point	17,927/-
	6.	Viscometer	14,676/-
	7.	Thickness Gauge and Length Gauge	1,509/-
	8.	Aggregate Crushing Value	7,965/-
	9.	Impact Test	14,633/-
	10.	Abrasion Testing	95,345/-
	11.	Field CBR	49,679/-
	12.	Hot air Oven	34,784/-
	13.	Benkelman Beam	38,656/-
	14.	Softening point	12,744/-
	15.	Ductility	60,299/-
Transportation Lab	16.	Centrifuge Extractor	37,170
	17.	Specific Gravity	1,05,637/-
	18.	Marshal stability	1,10,032/-
CAD Lab	1.	ETABS	2,95,000/-
	2.	SAFE P/T V20	2,95,000/-
Total Cost Equipments			46,11,240/-

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



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EQUIPMENTS PROCURED FOR TESTING, CONSULTANCY & RESEARCH

DEPARTMENT OF ELECTRICAL ENGINEERING

Sr. No.	Name of the Laboratory	Name of Equipment /Software available for Research and Consultancy Work	Cost of the Equipment (In Rs.)
1	High Voltage Laboratory	100 KV Motorized Oil Test Kit	98766/-
2	High Voltage Laboratory	Track and Tree Development Apparatus for Polymer Insulation (with water pump)	3,10,304/-
Total Cost Equipments			4,09,070/-


HEAD
Department of Electrical Engineering
Bajaj Institute of Technology, WARDHA



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EQUIPMENTS PROCURED FOR TESTING, CONSULTANCY & RESEARCH

DEPARTMENT OF MECHANICAL ENGINEERING

Sr. No.	Name of the Laboratory	Name of Equipment /Software available for Research and Consultancy Work	Total Cost of the Equipment (In Rs.)
1	Manufacturing Processes Lab	EDM Machine (Make: Spark)	8,35,619/-
2	Manufacturing Processes Lab	CNC Lathe Trainer Model	5, 63, 680/-
3	Manufacturing Processes Lab	CNC Mill Trainer Model	6, 94, 840/-
4	Manufacturing Processes Lab	3 D Printer	1, 53, 400/-
5	IC Engine Lab	Exhaust Gas Analyzer	2, 40, 720/-
Total Cost Equipments			24,88,259/-

HEAD
Department of Mechanical Engineering
Bajaj Institute of Technology, WARDHA



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BAJAJ INSTITUTE OF TECHNOLOGY, PIPRI, WARDHA

**Participation of Students in Innovation
Competitions like Smart India Hackathon (SIH)**

Bajaj Institute of Technology, Wardha
SIH Grand -Finale
Hardware Edition

Sr. No.	Name of Team	Team Leader	Nodal Center	State	City	Problem Statement Provider	Undertaking Submitted & Consent Letter Received
1	29591 - AyuCare	MANSI KISHOR TIKHILE	Amal Jyothi College of Engineering	Kerala	Kanjirapally	Ministry of Ayurveda, Yoga, Naturopathy, Unani, Siddha, Sowa-Rigpa and Homoeopathy (AYUSH).	<i>Mansi Tikhile</i>
2	27647 - CARE LIFTERS	PRATIK VIJAYRAO WATMODE	B. S. Abdur Rahman Crescent Institute of Science & Technology	Tamil Nadu	Chennai	Department of Science & Technology (DoST), Ministry of Science and Technology.	<i>Pratik</i>
3	28045 - Team Tenacious	PRASAD KOMALWAR	B. S. Abdur Rahman Crescent Institute of Science & Technology	Tamil Nadu	Chennai	Department of Science & Technology (DoST), Ministry of Science and Technology.	<i>Prasad Komalwar</i>
4	20197 - Ausories	TANAY MUNNAJI NAKHALE	Bhilai Institute of Technology	Chhattisgarh	Durg	AICTE, MIC-Student Innovation	<i>Tanay</i>
5	19294 - Power Optimizers	CHINMAY R. GOSWAMI	Bhilai Institute of Technology	Chhattisgarh	Durg	AICTE, MIC-Student Innovation	<i>Chinmay Goswami</i>
6	27688 - BIT Drone Humaze	KHUSHI GAJANAN DEULKAR	JAIN (Deemed-to-be University) Faculty of Engineering and Technology	Karnataka	Bengaluru	Defence Research and Development Organisation (DRDO), Ministry of Defence.	<i>Khushi</i> 06/08/22
7	27640 - Go-Mech	SAKSHI WAGHMARE	JAIN (Deemed-to-be University) Faculty of Engineering and Technology	Karnataka	Bengaluru	Volvo	<i>Sakshi</i>
8	27982 - Ravens	MRUDULA RAJESH BORKAR	Kalasalingam Academy of Research and Education	Tamil Nadu	Srivilliputtur	NIFTEM Thanjavur, Ministry of Food Processing Industries (MoFPI)	<i>Mrudula</i> 06/08/22
9	27408 - Team KAVACH	RADHIKA TIWARI	Arya Institute of Engineering and Technology	Rajasthan	Jaipur	Ministry of Housing and Urban Affairs.	<i>Radhika</i> 6/8/22

Bajaj Institute of Technology, Wardha
SIH Grand -Finale
Software Edition

Sr. No.	Name of Team	Team Leader	Nodal Center	State	City	Problem Statement Provider	Undertaking Submitted & Consent Letter Received
1	28572 - Salvador	Rutuja Ghawghawe	Gujarat Technological University	Gujarat	Ahmedabad	Department of Space, Indian Space Research Organisation (ISRO).	<i>Rutuja Ghawghawe</i> 06/08/2022
2	30745 - Team Dyunetra	Yashwardhan Katkamwar	Chandigarh Engineering college- CGC	Punjab	Landran, Mohali	India Meteorological Department (IMD), Ministry of Earth Sciences (MoES).	<i>Yashwardhan Katkamwar</i> 06/08/2022
3	29632 - Team Culture	Anuj Yadav	Hindusthan Institute of Technology, Coimbatore	Tamil Nadu	Coimbatore	ICCR	<i>Anuj Yadav</i>
4	31403 - Team Unloaders	SHRAVAN VIJAY ANDRASKAR	IIT KANPUR	Uttar Pradesh	KANPUR	National Institute of Design Madhya Pradesh	<i>Shravan Vijay Andraskar</i> 06/08/2022
5	28027 - The Brainiacs	Vishnu Mate	JSS TECHNOLOGICAL UNIVERSITY	Karnataka	Mysore	Department of School Education & Literacy (DoSEL), Ministry of Education.	<i>Vishnu Mate</i> 06/08/2022
6	28556 - FLOOD FORECASTERS	VINAY JIVAN SHENDE	Karnavati University	Gujarat	Gandhinagar	National Disaster Response Force (NDRF).	<i>Vinay Jivan Shende</i> 06/08/2022
7	31218 - TEAM BITBYTES	Tanushree Dhongale	KPR Institute of Engineering and Technology	Tamil Nadu	Coimbatore	University Grants Commission (UGC).	
8	28505 - Flood Brigade	Pranay Navghare	Manipal University Jaipur	Rajasthan	Jaipur	Ministry of Housing and Urban Affairs	<i>Pranay Navghare</i> 6/08/2022
9	31708 - Team BITKNIGHTS	Parikshit Nilkanth Satibavane	SAGE University Indore	Madhya Pradesh	Indore	Ministry of Rural Development	<i>Parikshit Nilkanth Satibavane</i> 06/08/2022
10	Team Code-X	Harshali Raut	SCMS School of Technology and Management	Kerala	Ernakulam	Department of Sports (DoS), Ministry of Youth Affairs & Sports.	<i>Harshali Raut</i> 6/08/2022
11	30594 - Apocalypse	Dwij Naranje	Sikkim Manipal Institute of Technology	Sikkim	RANGPO	eCourts, Department of Justice, Ministry of Law & Justice	<i>Dwij Naranje</i> 6/08/22



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. B.I.T./M.O.-D/2022-23

Date: 06/08/2022

Sub: Smart India Hackathon 2022 – Nomination

I am pleased to nominate the below team from our college to participate in Smart India Hackathon 2022 Grand Finale.

AICTE Application No/AISHE/UGC Registration No for our college is 1-9318452610.

Team: TEAM BITBYTES

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	Tanushree Dhongale	F	tanushreedhongale@gmail.com	8805803944
Team Member 1	Ishika Mude	F	mudeishika@gmail.com	7028479003
Team Member 2	Akansha Petkar	F	akanshapetkar2001@gmail.com	7666875481
Team Member 3	Shruti Kakhe	F	shrutikakhe1234@gmail.com	8485800868
Team Member 4	Riya Meshram	F	riyameshram675@gmail.com	8421193573
Team Member 5	Sanjivani Bhongade	F	sanjivanibhongade2001@gmail.com	9022323575
Team Mentor 1	Srinivaasan.G	M	srinivaasan.g@bitwardha.ac.in	9715009080

Sincerely,

Dr. N. M. Kanhe

Principal
PRINCIPAL

Bajaj Institute of Technology,
Pipri, Wardha



Bajaj Institute of Technology, Wardha

Undertaking by Students

I, Mr. /Ms. : Tanushree C. Dhongale
S/o. / D/o : Chhatrapati Dhongale
Residence : Pulfaip, Wardha - 442001
Mobile No : 8805803944 Branch: Computer Engineering
Year: 3rd Semester: VI Roll No: 604



do hereby undertake the following:

1. I am a bonafide student of the Department of Computer Engineering and is on the roll of the Department.
2. I hereby declare that on my own will & wish and without any force or influence, I am visiting KPR Institute of Engineering and Technology, Coimbatore (Place) for Grande-Finale of Smart India Hackathon 2022. Tamil Nadu
3. I will be travelling and participating in the competition at my own will, risk & responsibility and in case of any accident/mishap, I will not hold the College responsible for the consequences.
4. I have sought permission from my parent/guardian for going on the said tour.
5. While on tour I will fully cooperate with Team Leader and abide by the instructions given.
6. I will strictly follow the College guidelines/rules/regulations.
7. I will not include/ involve myself in any misbehaviour/indiscipline/act of indiscipline while I am on the said tour.
8. I understand my responsibility as student of Shiksha Mandal, Wardha.
9. I am in the knowledge of the fact that tour and other expenses including incidental charges will have to be borne by me.

Dhongale
Signature of Student







Dive

PRINCIPAL,
Bajaj Institute of Technology
PIPRI, Wardha.



Shiksha Mandal's

BAJAJ INSTITUTE OF TECHNOLOGY, PIPRI, WARDHA

Project Exhibitions

Bajaj Institute of Technology, Wardha
Department of Electrical Engineering
Forum:- POWER-BIT
Activity Report
(Session 2020-21)

Name of the activity: -	Project Exhibition by Second Year students
Date & Time of activity: -	13/01/2021 from 9:30 AM to 1:30 PM
Name of Internal coordinator: -	1) Dr. Harshit Dalvi (Head, EE) 2) Dr. Jayesh Ruikar (IIC Vice-President) 3) Prof. Anirudha S. Marothiya (Forum In-charge) 4) All Power BIT Members
Place of activity: -	2 nd Floor Project Lab (Electrical Department)
Purpose of activity:	The Purpose of this activity is to make the students to implement their ideas practically which will help them to understand the concepts and get knowledge which will be beneficial for them in their future.
Activity Summary:-	2 nd Year Students of electrical engineering department implemented their ideas and did projects with along with presentation and presented in front of Guests.
No. of students participated:	62 students have joined as participants. They were divided into 12 groups.



Comments:-

By Guest (Mr.Sameer Nagpure):- Fantastic ideas implemented and good show. Keep it up.

By Principal:- Congratulations to Team POWER-BIT and IIC Members for organization and conducting such a wonderful event for 2nd year students.

By Prof. D. Bhope, Head-Mech Department: - All projects are excellent and the way 2nd year students deliver is stupendous.



Prof. A. S. Marothiya
Forum In-charge



HEAD
Department of Electrical Engineering
Biju Institute of Technology, BIRSA

Dr. H. S. Dalvi
Head of Dept, EE



Shiksha Mandal's

BAJAJ INSTITUTE OF TECHNOLOGY, PIPRI, WARDHA

**Expert Lectures/ Workshops on Innovation, IPRs
& Entrepreneurship**



**ISTE APPROVED – SELF FINANCED
SHORT TERM TRAINING PROGRAM (STTP)**

On

**RESEARCH & DEVELOPMENT TO
INTELLECTUAL PROPERTY RIGHTS – A
ROADMAP**

(Online Mode)

(Sanction Letter No: ISTE/Proceedings/Online STTP-SF-MAH-003/2023-24)

Organized by

Bajaj Institute of Technology, Wardha – 442001

(ISTE INSTITUTIONAL CHAPTER NUMBER: 3054)

In association with

**Rajiv Gandhi National Institute of Intellectual Property
Management (RGNIPM), Nagpur**

22nd & 26th May 2023

Report of ISTE-STTP (Online Mode)
on
RESEARCH AND DEVELOPMENT TO INTELLECTUAL PROPERTY RIGHTS-A
ROADMAP
FROM 22ND MAY TO 26TH MAY 2023

This STTP received a great response with 128 registrations by participants from academia and from Industry personals. For this STTP expert speakers were invited from reputed Government organizations e.g., IITs, NITs, Rajiv Gandhi National Institute of Intellectual Property Management, National Research Development Corporation and from other reputed academic institutions like College of Engineering Pune, SVPCOE and KDKCOE, Nagpur. During these five days, 11 different speakers contributed to the knowledge of all the participants.

The schedule of this STTP was framed in such a way that the first two of the STTP was reserved for sessions on Intellectual property rights, followed by expert sessions in the area of Research writings on the next three days of this STTP.

On the first day of this STTP, very knowledgeable sessions were delivered by Dr. Pankaj Borkar, Dr. Priti Tayade and Ms. Megha Agrawal, by IP experts from Rajiv Gandhi National Institute of Intellectual Property Management, and from Nagpur. Dr. Pankaj Borkar made all the participants aware about the opportunities and Government initiatives for Patent and Industrial Design filing processes In India. He also briefed us about subsidized rates of patent filing and how Indian Government is promoting researchers of India to go for IP registrations. Dr. Priti Tayade guided all the participants about how to write the patent specifications to get our patent application easily get through the examination process. Ms. Megha Agrawal, made all participants aware about how to accomplish prior art search worldwide. She demonstrated live the patent search process through the websites which are acting as repositories of worldwide IP details.

On the second day of STTP, Shri. Govind Sharma, Ex. Head of National Research Development Corporation, New Delhi, elaborated very nicely all types of IPRs (patents, trademarks, trade-secrets, and Industrial Designs) an entrepreneur of a startup should know. Almost all the participants get benefitted by his two expertise

talks. He also guided us on how to commercialize one's patents or designs. Dr. Pawan Chandak, Associate Professor from Bajaj Institute of Technology made participants aware about Copyright filing process, in India.

On the third day, Dr. P. K. Brahmankar, Ex. Professor of COE Pune, has delivered his talks on "how to write a research paper", very nicely. It will surely help the beginners to write a paper and also to the academicians to improve their research writing skills. Dr. Ravi Pratap Singh, Assistant Professor from NIT Kurukshetra, delivered successfully on topic: "Insights of research writings". Dr. Surendra Gole, one of the motivational speakers, from SVPCOE, Nagpur, guided us on how to carry out qualitative and quantitative research. What are the aspects one should keep in mind, while selecting research goals. According to him Research goal should be specific, measurable, achievable, reliable, and also it must be time-bound.

On the fourth day of STTP, Dr. Parmod Kumar, from IIT Mandi guided all participants very nicely on topic; "Research proposal writing for funding from Govt. Agencies". He guided specifically about when to write, why to write and what to write in the research project proposal. According to him one should write a project proposal for seeking its approval from authorized agencies, for pitching one's innovative ideas and to address genuine research problems which will benefit the society as a whole. What should be the contents of the project proposal, their sequence, what and how to write in all these contents, is very nicely and in a very easy manner presented by the expert. Dr. Ravi Pratap Singh and Dr. Narendra Kumar, experts from NITs, delivered effectively on topics like; "Ethics and values in research writings, and recent tools for effective research writings, respectively.

On the last day of STTP, Dr. P. K. Brahmankar, Ex. Vice Chancellor of D. BATU and Ex. Prof. of College of Engineering Pune, has delivered his expert talk on "Use and Misuse of English in research writings", very nicely. It will surely help the beginners to write a research paper and also to the academicians to improve their research writing skills.

We came to know, for doing research one should first work hard (on his or her experimental or numerical methods), finish the task in a stipulated time and the findings of research should be published well in time.

He elaborated “organization of a research paper”, He taught us very skillfully, about the interpretation of results, by giving some funny and live examples which we observed in our daily life.

Dr. Chandrahas Handa, Executive Council member of ISTE, New Delhi and Principal of KDK COE, specially invited as a Chief Guest for Valedictory function of this STTP. He delivered his expert session on “Review and prospects of research and innovation in National Education Policy: 2020”.

All these speakers have greatly contributed to the knowledge of all participants & given the future insight & the vision.

The organizers of this STTP express gratefulness towards all the speakers for sharing their knowledge with all the participants. Similar such events will be organized by the Bajaj Institute of Technology, Wardha, in future to promote lifelong learning.



Dr. Santosh Bopche


Coordinator of STTP

Department of Mechanical Engineering
Bajaj Institute of Technology, Wardha
Wardha – 442001, INDIA

rgnlipm nagpur is presenting

May 22 10:30 am

INTRODUCTION TO IPR: PATENT AND DESIGN FILING PROCESS



Dr. Pankaj Borkar
Dy. Controller of Patents and Designs,
Rajiv Gandhi National Institute of Intellectual
Property Management, Govt. of India, Nagpur

10:30 AM | cad-afdsb-enc

rgnlipm nagpur is presenting

Website of O/o CGPDTM



**INTELLECTUAL
PROPERTY INDIA**
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

www.ipindia.gov.in

10:32 AM | cad-afdsb-enc

rgnlipm nagpur is presenting





Government of India - भारत सरकार


Introduction to IPR & Patent & Design filing

By
Pankaj P. Borkar / पंकज पी बोरकर
Dy. Controller of Patents & Designs, 42C/41/34 D/1996, IPO Mumbai, 400004, Nagpur
rgnlipm.ipm@nic.in
www.ipindia.gov.in

10:47 AM | cad-afdsb-enc


Suraj Vairagade is presenting

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**Shiksha Mandak's
Bajaj Institute of Technology, Wardha
Valedictory Function**

**STTP: R&D to IPR-A Roadmap
22nd to 26th May 2023**



02:30 P.M.	Welcome of Guests
02:35 P.M.	Summarizing STTP proceedings by the Coordinator [Dr. Santosh Bopche, BIT Wardha]
02:45 P.M.	Oral Feedback from the Participants
03:00 P.M.	Virtual Presentation of Certificates to Participants by Co-convenor & Co-Coordinator [Dr. Deepak Bhopa, Prof. Suraj Vairagade, BIT Wardha]
03:10 P.M.	Address by Chief Guest of the Valedictory Program [Dr. Chandrashekar Kande, Exs. Council Member, ISTE Maharashtra- Goa Section & Principal KDKCOE, Naggur]
03:20 P.M.	Address by Convener of STTP [Dr. Narendra Kanhe, Principal, Bajaj Institute of Technology, Wardha]
03:30 P.M.	Concluding Remarks & Vote of Thanks [Dr. Nikhil Sohoni]

2:40 PM | cad-akhim-erc

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Meet - STTP on R&D to IPR - A Roadmap at Bajaj Institute of ...

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2:24 PM | STTP on R&D to IPR - A Roadmap at Bajaj In...

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BAJAJ INSTITUTE OF TECHNOLOGY, WARDHA
Department of Mechanical Engineering
Short Term Training Program (STTP) on R&D to IPR - A Roadmap
May 22-26, 2023

Schedule of Expert Sessions

Day 1 (22-05-2023) Monday				
09.30am - 10.30 am	10.35am – 12. 35pm		01.30pm – 03.30 pm	03.35pm – 05.35 pm
Inauguration (Chief Guest: Dr. Pankaj Borkar, Dy. Controller of Patents and Designs, RGNIPM, Nagpur)	Introduction to IPR: Patent and Design filing Process Dr. Pankaj Borkar Dy. Controller of Patents and Designs, Rajiv Gandhi National Institute of IP Management, Nagpur	Lunch Break (12.35 to 01.30 pm)	How to Write Patent Specification Dr. Priti Tayade Patent Expert, Founder & MD, Patent Masterkey, Nagpur	How to Search Patents Ms. Megha Agrawal Patent Expert, Nagpur
Day 2 (23-05-2023) Tuesday				
10.00am – 12. 00noon			01.00pm – 03.00 pm	03.05pm – 05.05 pm
Intellectual Property for Startups: Everything Researchers need to know Shri. Govind Sharma, Ex. Chief., National Research Development Corp. GOI, New Delhi		Lunch Break (12.00 noon to 1.00 pm)	Licensing/ Commercialization of Patents/ Technologies Shri. Govind Sharma Ex. Chief, National Research Development Corp. GOI, New Delhi	Essential Skills for Qualitative and Quantitative Research Dr. Surendra Gole Principal, S.V.Pallotti C.O.E., Nagpur
Day 3 (24-05-2023) Wednesday				
10.00am – 12. 00noon			01.00pm – 03.00 pm	03.05pm – 05.05 pm
How to Write and Interpret Research findings Dr. P. K. Brahmankar Retired Professor, Dr. Babasaheb Ambedkar Technological University, Lonere,		Lunch Break (12.00 noon to 1.00 pm)	Insights of Research Writings Dr. Ravi Pratap Singh, Sr. Asst. Prof., Mech. Engg., NIT Kurukshetra, GOI)	Introduction to Copyrights Dr. Pawan Chandak, Assoc. Prof. Mech. Engg., BIT Wardha
Day 4 (25-05-2023) Thursday				
10.00am – 12. 00noon			01.00pm – 03.00 pm	03.05pm – 05.05 pm
Research Proposal writing for Funding from Govt. Agencies Dr. Parmod Kumar, Asst. Prof., Mech. Engg., IIT Mandi, GOI		Lunch Break (12.00 noon to 1.00 pm)	Recent Tools for Effective Research Writings Dr. Narendra Kumar Asst. Prof. NIT Jalandhar GOI	Ethics and Values in Research Writings Dr. Ravi Pratap Singh Sr. Asst. Prof., Mech. Engg., NIT Kurukshetra, GOI
Day 5 (26-05-2023) Friday				
10.00am – 12. 00noon			01.00pm – 03.00 pm	03.05pm – 05.05 pm
Use and Misuse of English in Research Writing Dr. P. K. Brahmankar Retired Professor, Dr. Babasaheb Ambedkar Technological University, Lonere,		Lunch Break (12.00 noon to 1.00 pm)	NEP 2020: A Review and Prospects of Research and Innovation Dr. C. C. Handa Principal, K.D.K.C.O.E., Nagpur	Valedictory function (Chief Guest: Dr. C.C Handa, ISTE Executive Member: Maharashtras-Goa Section) & Principal, KDKCE, Nagpur

BAJAJ INSTITUTE OF TECHNOLOGY, WARDHA**STTP ON****RESEARCH AND DEVELOPMENT TO INTELLECTUAL PROPERTY RIGHTS-A ROADMAP****22ND MAY - 26TH MAY 2023****LIST OF PARTICIPANTS**

SR. NO.	FULL NAME OF THE PARTICIPANT	NAME AND ADDRESS OF ORGANIZATION
1	SURAJ GAJANANRAO VAIRAGADE	BAJAJ INSTITUTE OF TECHNOLOGY WARDHA
2	DEEPAK VASANTRAO BHOPE	BAJAJ INSTITUTE OF TECHNOLOGY, WARDHA
3	HUZAIFA FIDVI, ANJUMAN COLLEGE OF ENGINEERING AND TECHNOLOGY	MANGALWARI BAZAR ROAD, SADAR, NAGPUR
4	PROF. PRAMOD H SAHARE	DEPARTMENT OF MECHANICAL ENGINEERING RCERT CHANDRAPUR
5	NITIN JAGANNATHRAO JANWE	RAJIV GANDHI COLLEGE OF ENGG., RESEARCH & TECHNOLOGY, CHANDRAPUR, MS
6	SACHIN RAMCHANDRA DHAWAS	RAJIV GANDHI COLLEGE OF ENGINEERING RESEARCH & TECHNOLOGY, BALLARSHAH ROAD,
7	DR. ASHWIN V.NIKAM	SHRI AYURVED MAHAVIDYALAYA ,HANUMAN NAGAR NAGPUR-24
8	NISHA ASHWIN NIKAM	AMITY SCHOOL OF BIOTECHNOLOGY RAIPUR CHHATTISGARH
9	ROSHAN DEVIDAS BHAGAT	SYMBIOSIS SKILLS AND PROFESSIONAL UNIVERSITY, KIWALE PUNE 412101
10	DR. SANTOSH BOPCHE	BAJAJ INSTITUTE OF TECHNOLOGY WARDHA
11	DR. YESHWANT M. SONKHASKAR	SHRI RAMDEOBABA COLLEGE OF ENGINEERING AND MANAGEMENT, NAGPUR
12	MANDAR GUPTA	BAJAJ INSTITUTE OF TECHNOLOGY
13	VIKRAM TITARMARE	GOVT. COLLEGE OF ENGG. NAGPUR
14	ABHAY SHIVDAS NILAWAR	R.C.E.R.T. CHANDRAPUR
15	PROF. NAGESHWAR R. GANDLEWAR	RAJIV GANDHI COLLEGE OF ENGINEERING RESEARCH AND TECHNOLOGY, CHANDRAPUR
16	SHITAL CHINTAMANRAO JAMUNKAR	GOVT. COLLEGE OF ENGINEERING, CHANDRAPUR
17	DR. UDAY SURESH WANKHEDE	GOVERNMENT COLLEGE OF ENGINEERING, NAGPUR
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20	DR. PAWAN A. CHANDAK	BAJAJ INSTITUTE OF TECHNOLOGY, WARDHA
21	DR. BAIJNATH KAUSHIK	SHRI MATA VAISHNO DEVI UNIVERSITY, KAKRYAL, KATRA, 182320, J&K
22	DR AVINASH RAMESH CHALLELWAR	RAJIV GANDHI COLLEGE OF ENGINEERING RESEARCH AND TECHNOLOGY CHANDRAPUR
23	BHUSHAN DHARMIK	BAJAJ INSTITUTE OF TECHNOLOGY, WARDHA
24	DR. CHANDRAKANT B.KOTHARE	SHRI SHANKARPRASAD AGNIHOTRI COLLEGE OF ENGINEERING WARDHA
25	SUDHIR WAMANRAO BURANDE	GOVERNMENT COLLEGE OF ENGINEERING CHANDRAPUR
26	MANOJ KUMAR GUPTA	SHRI MATA VAISHNO DEVI UNIVERSITY, KATRA, J & K
27	MAHESH NATHURAM BURADKAR	RAJIV GANDHI COLLEGE OF ENGINEERING, RESEARCH
28	DR.R.K.KRISHNA	RAJIV GANDHI COLLEGE OF ENGINEERING, RESEARCH AND
29	NITIN LAHANUJI KUMBHARE	GOVINDRAO WANJARI COLLEGE OF ENGINEERING & TECHNOLOGY, HUDKESHWAR ROAD, SALAI,

30	DR.MUDRIKA I AHMED	GOVERNMENT POLYTECHNIC NAGPUR
31	SAMRAT KAVISHWAR	NAGPUR INSTITUTE OF TECHNOLOGY
32	SAIYYAD MOHAMMADALI MUZFFARALI	R. C. PATEL INSTITUTE OF TECHNOLOGY
33	DR. ALKA SAWLIKAR	RAJIV GANDHI COLLEGE OF ENGG RESEARCH & TECHNOLOGY,BALHARSHAH ROAD,CHANDRAPUR
34	KUSHAL SURESH WASANKAR	GOVERNMENT COLLEGE OF ENGINEERING, AURANGABAD
35	PANKAJ PRAKASH BHISE	BAJAJ INSTITUTE OF TECHNOLOGY, WARDHA
36	HARRSH KUMAR DUBEY	PRIYADARSHINI COLLEGE OF ENGINEERING NAGPUR
37	VIVEK EKNATH PISE	RAJIV GANDHI COLLEGE OF ENGINEERING, RESEARCH AND TECHNOLOGY, CHANDRAPUR
38	SWAPNIL UTTAMRAO DEOKAR	SMT. KASHIBAI NAVALE COLLEGE OF ENGINEERING, PUNE
39	DR. CHIDANAND KISHOR MANGRULKAR	B.M.S.COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU
40	NARENDRAKUMAR HEMRAJ ADKINE	GOVERNMENT POLYTECHNIC SAKOLI
41	ASHISH VIJAY ABHYANKAR	GOVERNMENT POLYTECHNIC SAKOLI
42	PAWAN RANGDEV TIMANDE	BAJAJ INSTITUTE OF TECHNOLOGY WARDHA
43	DR. MAHESH R SHUKLA	CUMMINS COLLEGE OF ENGINEERING FOR WOMEN, NAGPUR
44	RAJESH SHAMRAO BHUTE	RCERT, CHANDRAPUR
45	SWARUP DILIP HATWAR	BAJAJ INSTITUTE OF TECHNOLOGY WARDHA
46	SHESHNARAYAN M. YADAV	BAJAJ INSTITUTE OF TECHNOLOGY,WARDHA
47	PRAJAKTA SUNIL DAF	BAJAJ INSTITUTE OF TECHNOLOGY, WARDHA
48	SUDHIR KUMAR SINGH	NATIONAL INSTITUTE OF TECHNOLOGY HAMIRPUR
49	P SANGEETHA	RAJIV GANDHI COLLEGE OF ENGINEERING RESEARCH AND TECHNOLOGY,CHANDRAPUR
50	VED DAGWAR	BAJAJ INSTITUTE OF TECHNOLOGY, PIPRI MEGHE, WARDHA
51	SHRUSHTI SURKAR	BAJAJ INSTITUTE OF TECHNOLOGY WARDHA
52	SANKET DHOKE	BAJAJ INSTITUTE OF TECHNOLOGY WARDHA
53	KARAN ANIL DHEWLE	BAJAJ INSTITUTE OF TECHNOLOGY WARDHA
54	DR. DIWESH BABRUWAN MESHAM	CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING AND TECHNOLOGY, KORBA
55	VISHNUKUMAR NIRWAN	BAJAJ INSTITUTE OF TECHNOLOGY WARDHA
56	SHREYA VITTHAL TELRANDHE	BAJAJ INSTITUTE OF TECHNOLOGY
57	GAURI ARVIND RAUT	BAJAJ INSTITUTE OF TECHNOLOGY WARDHA
58	PRATHMESH D. WAZARKAR	BIT WARDHA
59	DR. DEVASHRI KODGIRE	RCERT, CHANDRAPUR
60	OM DEVENDRA SATPUTE	BAJAJ INSTITUTE OF TECHNOLOGY WARDHA
61	SHASHWAT SUNIL PAULZADE	BAJAJ INSTITUTE OF TECHNOLOGY, PIPRI, WARDHA
62	RIGVED RAJENDRA PURANIK	BAJAJ INSTITUTE OF TECHNOLOGY WARDHA
63	MRUDANG BHOGE	BAJAJ INSTITUTE OF TECHNOLOGY, PIPRI, WARDHA
64	PARTH SUNIL DUBEY	BAJAJ INSTITUTE OF TECHNOLOGY WARDHA.
65	AKANKSHA MAURYA	NIT HAMIRPUR
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68	VIVEK RAMESH SHARMA	NATIONAL INSTITUTE OF DESIGN HARYANA, KURUKSHETRA
69	ROSHAN RAJU NIDHEKAR	BAJAJ INSTITUTE OF TECHNOLOGY, WARDHA
70	DR. NIKHIL SOHONI	BAJAJ INSTITUTE OF TECHNOLOGY, WARDHA
71	DR. RACHANA AVINASH DHANNAWAT	USHA MITTAL INSTITUTE OF TECHNOLOGY, SNTD UNIVERSITY, MUMBAI
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73	ROHAN SANJAY SHELKE	BAJAJ INSTITUTE OF TECHNOLOGY, ARVI ROAD, PIPRI, WARDHA
74	SANTOSH KUMAR	BAJAJ INSTITUTE OF TECHNOLOGY, PIPRI, WARDHA
75	HEMLATA SUMANT PANGANTIWAR	RAJIV GANDHI COLLEGE OF ENGINEERING RESEARCH AND TECHNOLOGY, CHANDRAPUR
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78	DR. BIRESHWAR GANGULY	RCERT, CHANDRAPUR
79	VIKRANT DHOPTÉ	NAGPUR
80	DR. PUNDLIK GADIJI MEHAR	K D K COLLEGE OF ENGINEERING NANDANVAN NAGPUR
81	DR.ABHINAV P.NINAWÉ	KDK COLLEGE OF ENGINEERING GREAT NAG ROAD,NANDANVAN,NAGPUR
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84	PROF. VARSHA HARIDAS SADRANI	SHRI SAI COLLEGE OF ENGINEERING AND TECHNOLOGY , BHADRAWATI
85	PROF. LOWLESH NANDKISHOR YADAV	SHRI SAI COLLEGE OF ENGINEERING AND TECHNOLOGY, BHADRAWATI
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87	DR. PALLAVI RANI	NIFT MUMBAI
88	MS.TABASSUM H KHAN	G H RAISONI INSTITUTE OF ENGINEERING AND TECHNOLOGY-NAGPUR
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90	MADHAV VITTHAL VAIDYA	SGGS INSTITUTE OF ENGINEERING AND TECHNOLOGY NANDED
91	AKSHAY VARTAK	HVPM COET AMRAVATI
92	VANDNA	MIMIT, MALOUT, NEAR NEW GRAIN MARKET, GREENFIELD ENCLAVE, MALOUT 152107. PUNJAB
93	ATUL V. BHOPE	TECNIMONT PVT LIMITED MALAD WEST , MUMBAI
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95	SANDIP SUBHASHRAO JAWRE	SHRI SHANKARPRASAD AGNIHOTRI COLLEGE OF ENGINEERING, WARDHA
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98	SHEETAL PRALHAD BIJAWÉ	GOVERNMENT COLLEGE OF ENGINEERING AMRAVATI
99	MS VAISHALI MADHUKARRAO	GOVERNMENT POLYTECHNIC, ARVI
100	MANISHA JAGDISH MORE	RAJIV GANDHI COLLEGE OF ENGINEERING, RESEARCH AND TECHNOLOGY, CHANDRAPUR, MAHARASHTRA, INDIA
101	VANITA TONGE BURADKAR	RAJIV GANDHI COLLEGE OF ENGINEERING RESEARCH AND TECHNOLOGY,CHANDRAPUR
102	RAJAS BHOPE	SARDAR PATEL INSTITUTE OF TECHNOLOGY, ANDHERI WEST MUMBAI
103	MANOJ A. KUMBHALKAR	JSPM NARHE TECHNICAL CAMPUS
104	DR. SHUBHANGI LAXMAN SAYRE	GOVERNMENT POLYTECHNIC NAGPUR
105	VIJAY ATE	KITS RAMTEK
106	SHILPA BHARAT ADULKAR	GOVERNMENT POLYTECHNIC NAGPUR
107	MADHURI SONKHASKAR	SKNCOE PUNE
108	DR. AMREEN K. KHAN	BAJAJ INSTITUTE OF TECHNOLOGY, WADHA.
109	DR. SONIYA BABURAO RAUT	GOVERNMENT POLYTECHNIC NAGPUR

110	MR DNYANESHWAR R WAGHOLE	KOTHRUD PUNE
111	SANKALP KADHAO	BAJAJ INSTITUTE OF TECHNOLOGY, WARDHA
112	DR. ANKITA R. KARULE	GOVERNMENT POLYTECHNIC, NEAR MANGALWARI BAZAR, SADAR, NAGPUR
113	DR. PRAVIN SHRAWANJI NERKAR	ST. VINCENT PALLOTTI COLLEGE OF ENGINEERING AND TECHNOLOGY, NAGPUR, MAHARASHTRA, INDIA
114	GUNJAN LAXMIKANT WAGHMARE	BIT, PIPRI WARDHA
115	PAVAN DHARMARAJ PAHUNE	BIT, PIPRI WARDHA
116	HARITA PRASHANT WANDHARE	BAJAJ INSTITUTE OF TECHNOLOGY WARDHA
117	SAHIL RATNAKAR BHAT	BAJAJ INSTITUTE OF TECHNOLOGY
118	NEELIMA DUDHE	RCERT CHANDRAPUR
119	SANJAY MADHAVRAO MAHAJAN	BAJAJ INSTITUTE OF TECHNOLOGY, WARDHA.
120	DR. RANJIT RAMKRISHNA DHUNDE	SVKM'S NMIMS (DEEMED TO BE UNIVERSITY), NAVI MUMBAI CAMPUS
121	PRATHIK KULKARNI	DEPARTMENT OF CIVIL ENGINEERING, BAJAJ INSTITUTE OF TECHNOLOGY, WARDHA
122	DR. M.D. PASARKAR	SHIKSHA MANDAL'S , BAJAJ INSTITUTE OF TECHNOLOGY
123	SAGAR AWACHAT	AWACHAT INDUSTRIES LIMITED
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125	HEMANT KUMAR PANT	CIPET : INSTITUTE OF PETROCHEMICALS TECHNOLOGY (IPT), INDUSTRIAL AREA BHANPURI,
126	TEJAS CHANDUJI HIRUDKAR	BAJAJ INSTITUTE OF TECHNOLOGY, ARVI ROAD, PIPRI, WARDHA - 442001
127	VIKAS GOHIL	BAJAJ INSTITUTE OF TECHNOLOGY WARDHA
128	DR. A. H. INGLE	SMT. RADHIKATAI PANDAV COE, NAGPUR

ACKNOWLEDGEMENT

We express our gratefulness towards all the esteem speakers for sharing their knowledge with the participants. We also owe our regards to **Prof. V.D. Vaidya, Executive Secretary, ISTE** for approval of STTP proposal. Further we also express our thankfulness towards **Dr. Pankaj Borkar, Deputy Controller of Patents & Designs, Rajiv Gandhi National Institute of Intellectual Property Management (RGNIIPM), Nagpur** for necessary support, guidance & also for extending necessary help in the organization of this STTP.



Dr. Santosh Bopche
STTP Coordinator
Sr. Assistant Professor
BIT, Wardha



Dr. D.V. Bhope
Co-Convenor
Professor & Head
BIT, Wardha



Dr. N.M. Kanhe
Convenor
Principal
BIT, Wardha

Date: 5th June 2023

Place: Wardha



**Shiksha Mandal's
Bajaj Institute of Technology, Pipri, Wardha
Institute Innovation Council
Session 2021-22**



Date: 30/08/2021

1. Event Name: **Mentoring Session on “Lean Start-up & Minimum Viable Product/Business”**
2. From and to Date: **30/07/2021**
3. Mode of Conduction: Online
4. Expert Name, Designation: **Mr. Kiran Bhave, Project Management Professional (PMP™), PMI, USA, Financial Advisor, Level 1 & 2, NISM (A SEBI Trust).**
5. Time: **03:30 PM to 04:30 PM**
6. Faculty In-charge: **Dr. A. G. Dabli,(Member, IIC)**
7. Total No. of Beneficiary: **30**
8. About the Speaker: Mr. Kiran Bhave has 18 years of creative designing of Devanagari True Type fonts for enabling the masses to use their native languages on computers with simplicity. He also has over 15 years of first hand and consulting experience in Financial Planning. He is having around 22+ years of IT Industry experience, of which over 9 years of experience working at client locations abroad for client interaction, on-site coordination and IT consultancy in the USA, UK and Austria(Vienna). He is experienced in providing IT leadership and consultancy for service lifecycle automation implementation. His specialities include the unique combination of Talent, Innovation, Art, Finance and Management.
9. About the Event: The session began with the formal introduction of the topic by Mr. Sandesh Jain, Convener, BIT-IIC. He then invited Dr. S. M. Mahajan to deliver a presidential address for the session. Later on, Mr. Sandesh Jain introduced the guest of honour to the audience and invited Mr. Kiran Bhave Sir, to address the audience. Mr. Kiran Bhave started his discussion with the question that whether the students want to become job creators or job consumers. He shared that a good idea with a viable business

plan and proper fund management gives rise to a good startup. He then explained that Minimum Viable Product is a minuscule working prototype of the full-fledged product. He shared that maximum learning with minimum expenditure should be the main goal of a startup in the initial stages. He shared an example of a minimum viable product with the example of motorcycle and car and explained what a minimum viable product is and what is not.

He then explained the funding stages of the startup. He shared about pre-seed, seed, series A, Series B & C, IPO/Exit being the stages of a startup along with whom to approach for that stage of funding. He then shared the graph about the indicative revenue/profit growth for successful startups. He conveyed that the startup should be careful about costs in the initial stages of a startup. He then explained every startup in the initial stages of protecting your IP. He asked students to use the agile approach for creating the minimum viable product. He talked about Ideation, MVP, Customer Feedback and Learning feedback loop and then start with the next cycle of creating the second version of MVP till the product is such that the customer is satisfied. He urged students to invest in customer experience. He conveyed that the product you are building must be aligned with what the customers need. He then shared the top reasons why startup fails. He explains the reasons like lack of innovation, running out of funds, lack of focus, product-market mismatch etc. He conveyed to students that don't run out of money in the first 1000 days. He conveyed that there is no single step to success. The entrepreneur should start and continue even in case of failure. He cited the example of Edison for that. He urged students to take small and steady steps. MVP helps us to get answers to key questions like who is your customer what are the pains, what job needs to be done, is your customer segment too broad, and how do you find the. He then talked about the dos and don't while building the MVP. He then answered queries raised by students. The program ended with a vote of thanks by Mr. Sandesh Jain.


Flyer:

 Bajaj Institute of Technology, Wardha
Institutions Innovation Council 


**Mentoring Session on
“Lean Start-up & Minimum Viable
Product/Business”**

WHAT IS MINIMUM VIABLE PRODUCT?



— NOT THIS —



— LIKE THIS —



BY
MR. KIRAN BHAVE
PROJECT MANAGEMENT PROFESSIONAL
(PMP™), PMI, USA.
FINANCIAL ADVISOR, LEVEL 1 & 2, NISM
(A SEBI TRUST)
INSURANCE ADVISOR, III, IRDA

 Friday, 30/07/2021
03:30 PM to 04:30 PM  <https://bit.ly/bitiiic30>

YouTube Live ScreenShot:

Tejas
how to get funded by investors and can we get funded based on our idea, or do we need to have a prototype for getting funded?

Mentoring Session on "Lean Start-up & Minimum Viable Product/Business"
133 views • Streamed live on Jul 30, 2021

Top chat replies

- our product, what are the feedback mechanisms we should use
- Valentin Timpone - IT/Healthcare (1st year)
- 10 Prince Timothy: Sir, can you please explain in detail about user experience, as per req. if our product is not complete in first development, then how the user would be able to understand our project in complete
- Tejas Singhwani - Mechanical
- 1000: Sir, we have in our earlier session have been told that, only if a startup get successful, can you please tell us how to start as a first year students with the ideas we have in our mind.
- 11 Tejaswini - Tejas Ravi Mechanical (1st year)
- Tejas: how to get funded by investors and can we get funded based on our idea, or do we need to have a prototype for getting funded?
- 1000: Sir, when can we start startup is successful.
- 1000: **Dear students of Technology, Wardha** Dear students, write down questions in the chatbox, the resource person will answer at the end of session.
- 1000: Sir, is it safe to enter into...

abhijeet dehadrai
Also Sir, you mentioned about solutions that solve needs. How about some other business ideas that may not necessarily solve the problem but may look attractive For eg. Coke, pepsi

Mentoring Session on "Lean Start-up & Minimum Viable Product/Business"
133 views • Streamed live on Jul 30, 2021

Top chat replies

- 10 Prince Timothy: Sir, can you please explain in detail about user experience, as per req. if our product is not complete in first development, then how the user would be able to understand our project in complete
- Tejas Singhwani - Mechanical
- 1000: Sir, we have in our earlier session have been told that, only if a startup get successful, can you please tell us how to start as a first year students with the ideas we have in our mind.
- 11 Tejaswini - Tejas Ravi Mechanical (1st year)
- Tejas: how to get funded by investors and can we get funded based on our idea, or do we need to have a prototype for getting funded?
- 1000: Sir, when can we start startup is successful.
- 1000: **Dear students of Technology, Wardha** Dear students, write down questions in the chatbox, the resource person will answer at the end of session.
- 1000: Sir, is it safe to enter into providing services which are provided by others. For example, we can serve better than our competitors.
- 1000: Sir, you mentioned about solutions that solve needs. How about some other business ideas that may not necessarily solve the...

YouTube Live Analytics

Bajaj Institute of Technology, Wardha
Institutions Innovation Council

Mentoring Session on
"Lean Start-up & Minimum Viable
Product/Business"

BY
MR. KIRAN DHAWE
PROJECT MANAGEMENT PROFESSIONAL
Bajaj Institute of Technology, Wardha

Playbacks	Peak concurrents	Total watch time
101	12	8:46:54
Chats	Avg. watch time	Duration
0	5:13	1:09:37

Publicity:


(Group B) BIT FY Computer Engg.20-21

80 members

Pinned message

Photo. First Year GrB TimeTable Sem 2



Dear Students,

 Greetings from the Institutions Innovation Council, Bajaj Institute of Technology, Wardha !!


Institutions Innovation Council is organizing a series of Guest Lectures for preparing you to participate in various competitions conducted by various institutes across the year.


Until now, you have learnt about how to ideate, create a business model and then develop a prototype using TinkerCAD and usage of 3D printing in prototyping. In Today's session, we will learn about various concepts of developing Minimum Viable Product(MVP)

Today's Topic Name: "👉👈 Mentoring Session on "Lean Start-up & Minimum Viable Product/Business"👉👈"

 Resource Person: 

Mr. Kiran Bhave,
Project Management Professional (PMP™), PMI, USA.
Financial Advisor, Level 1 & 2, NISM
(A SEBI Trust)
Insurance Advisor, III, IRDA

 **Date: 30/07/2021, Friday**

 **Time: 03:30 PM to 04:30 PM**

 **Youtube Link to Join: <https://youtu.be/locSCUWbTcU>**



These sessions are organized exclusively for first-year students, Hence take full advantage of them.



Write a message...

Dr. S. M. Mahajan

President, BIT-IIC

HEAD

Department of Civil Engineering
Bajaj Institute of Technology, WARDHA



**Shiksha Mandal's
Bajaj Institute of Technology, Pipri, Wardha
Institute Innovation Council
Session: 2020-21**

Date: 30/01/2021

1. Event Name: **Session on "Entrepreneurship and Innovation as Career Opportunity"**
2. From and to Date: **29/01/2021**
3. Expert Name, Designation: **Mr. Baldev Singh Rawat, Founder & CEO, Value Kreation**
4. Time: **11:00 AM to 12:00 Noon**
5. Faculty In-charge: Prof. Sandesh D. Jain (Convenor, IIC Council)
6. Total No. of Beneficiary: **150**
7. About the Speaker: Mr. Baldev Singh Rawat is a First generation entrepreneur running a bootstrapped education startup for the last 7 years. He is an Author of the book published entitled "Strength Ecology" and author of upcoming books like "Leaders' Bedtime Stories" and "How to Think of Business Ideas". He was a Guest Speaker and trainer at Officers Training Academy - Indian Army, Indian Institute of Management Indore, Xavier School of Management, Indian Law School, Pune, IEEE, Radio City, ETV, News24, Amaravati Management Association, etc. His past experience includes Founder, Content Development & Delivery Head for Resume It Up, Project Engineer, Kosan Crisplant Marketing Executive Times of India etc.
8. About the Event: Convenor, BIT IIC Council, Prof. Sandesh Jain initiated the session followed by the presidential address is given by the Dr. S. M. Mahajan, President IIC and inaugurated this session of Innovation Week. Later on Prof. J. D. Ruikar, Vice President, BIT-IIC, introduced the speaker to the audience and the session is handed over to the speaker, Mr. Baldev Singh Rawat.

The Resource Person, mainly focus on the fact that how the student can acquire necessary knowledge and skills required for organizing and carrying out entrepreneurial activities and to develop the ability of analysing and understanding business situations in which entrepreneurs act and master the knowledge necessary to plan entrepreneurial

activities. He gave various examples of the student in nearby vicinity to motivate them that how the students and people in the rural area are running successful StartUp and how their entrepreneurial journey is now becoming a rewarding one. He shared his experience that how he left a lucrative job and how he was motivated to pursue entrepreneurship as his career. He explained how to develop the ability of analysing and understanding business situations in which entrepreneurs act and master the knowledge necessary to plan business activities.

Flyer:



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

SESSION ON ENTREPRENEURSHIP & INNOVATION AS CAREER OPPORTUNITY

RESOURCE PERSON



MR. BALDEV SINGH RAWAT, FOUNDER & CEO, VALUE KREATION

 **FRIDAY, JAN 29, 2021**
 **11:00 AM TO 12:00 NOON**

 <http://bit.ly/iicbitsession7>

PLAN YOUR CAREER THE RIGHT WAY.



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

Glimpses of Event:



Bajaj Institute of Technology, Wardha



Glimpses of Events

Entrepreneurship & Innovation as Career Opportunity



Bajaj Institute of Technology, Wardha



Baldev Singh Rawat



Dr. Jayesh Ruikar, BIT Wardha



Dr. S. M. Mahajan.



Baldev Singh Rawat



Mansi Tikhile

If I am an entrepreneur, how to catch up the project? Is there any resource material to work with and what is r incubators?

- Mansi Tikhile If I am an entrepreneur, how to catch up the project? Is there any resource material to work with and what is role of incubators?
- Tejas How to know if our products do have attributes that makes a product that is sellable in market.
- aniket Pokale Sir,if I want to choose a career as entrepreneur and currently I am studying my bachelor in electrical Engineering can you please tell me about is there any gap between academia/education industry
- aniket Pokale how to tackled it?
- Manasvi Sukalkar Sir What Are Your Success Habits? Plz Give Us Guidance.
- Sakshi Kakde Sakshi Kakde(Electrical Engineering)
- Vaishnavi Arjun Sir, What is business analytics and how it is important in entrepreneurship and innovation?
- Ankita Wasekar Ankita wasekar (Electrical Engineering)

YouTube Live Screen Shot:



Streamed live by
Stream in Yard

Baldev Singh Rawat 03:40

Session on: Entrepreneurship & Innovation as Career Opportunity

352 views • Streamed live on Jan 29, 2021

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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 (DATU), Lonere, Raichur, Maharashtra

**SESSION ON
ENTREPRENEURSHIP & INNOVATION
AS CAREER OPPORTUNITY**

RESOURCE PERSON
Session on: Entrepreneurship & Innovation as Career Opportunity
MR. BALDEV SINGH RAWAT,
FOUNDER & CEO, VALUE KREATION
Bajaj Institute of Technology, Wardha

Playbacks	Peak concurrents	Total watch time
232	61	49:35:39
Avg. watch time	New subscribers	Duration
12:49	76	1:03:33

Publicity:

Computer Faculties
Abhishek, Amol, Kulkarni, BIT MADAM CSE, Manaksh...

Session on: Entrepreneurship & Innovation as Career Opportunity
-youtube.com

Dear Students,

Greetings from the Institution's Innovation Council, Bajaj Institute of Technology, Wardha!!

BIT-IIC is celebrating "💡 Innovation Week 💡" from 26th January 2021- 31st January 2021.

◆ Today's Session ◆
Session on "Entrepreneurship and Innovation as Career Opportunity"

📌 Objectives 📌:
* Innovation as an alternative career
* Practical entrepreneurial skills & knowledge

👤 Resource Person: 👤
Mr. Baldev Singh Rawat,
Founder & CEO,
Value Kreation

🕒 Time: 11:00 AM to 12:00 Noon.

🔗 Link to Join:
<https://www.youtube.com/watch?v=NLkZVBHjO7o>


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



**Shiksha Mandal's
Bajaj Institute of Technology, Pipri, Wardha
Institute Innovation Council
Session 2020-21**

Date: 30/06/2021

1. Event Name: **Session on "Mentorship Session for Student Entrepreneurs"**
2. From and to Date: **18/06/2021**
3. Mode of Conduction: Online
4. Expert Name, Designation: **Dr. Prasad Teegalapelly, Professor, National Institute of Industrial Engineering (NITIE), Mumbai.**
5. Time: **03:30 PM to 04:30 PM**
6. Faculty In-charge: **Mr. Sandesh D. Jain (Convenor, IIC Council)**
7. Total No. of Beneficiary: **70**
8. About the Speaker: Dr. Prasad Teegalapelly was educated in Commerce and Management at the Osmania University, Hyderabad, completing his PhD in 1996. Since that time, he has worked at the Department of Commerce Osmania University. During this period, he has been seconded as a von Humboldt fellow to the Technical University in Berlin (1989-91) and the Foundation BHP Chair of Management in the BHP Institute for Steel Processing and Products (1996-2002). He was visiting Faculty at XLRI Jamshedpur, Zensar Business School etc. His professional interests have been varied, ranging from Organizational Culture – Educational pedagogies to action learning in education. His contributions for innovations in management teaching are Mandi, NITIE Dabbawallas, Hamara Dhandha, Shanthi Mandi etc.,
9. About the Event: The session began with the formal introduction of the topic by Convenor, BIT IIC Council, Mr. Sandesh Jain. He then invited Dr. S. M. Mahajan to deliver a presidential address for the session. Later on, Mr. Sandesh Jain, introduced the guest of honour to the audience and invited Dr. Prasad Teegalapelly Sir, to address the audience.

Dr. Prasad Teegalapelly has invited two of his students from the Wardha and Nagpur region to boost the confidence amongst the students of our college that even being coming from the background of tier-3 cities, these students have excelled in the Startups.

One of his students Mr. Paresh Masade, Founder of Vaave, shared his experience of starting up a startup. His startup is involved in helping Institutions and Corporates to meaningfully engage with their Alumni. He started his journey as a student entrepreneur. He explained how Humara Dhandha a program at NITIE helped him understand the background of the business. He answered questions raised by students. He shared students to bootstrapped ideas with the help of family, friends, seniors etc. and even if one failed, it's not the end, he shared how many companies hire entrepreneurs at a better designation.

Dr. Prasad Teegalapelly shared books related to lean startup and explained the concepts of lean startup. He talked about Design Thinking, Inspiration, Validation, Prototype Design and awareness of the ecosystem.

He talked about his student Mr. Rahul Gugalia, Nagpur, India Auto Gas Company Limited and motivated students to start your startup like this in the campus.

He urged the students to come up with the startup idea that they can start in college. He shared his student's startups. He also explained to students to create value out of Radhi(Waste).

He urged the faculties to give assignments to students that generate value for society.

In the later part of the session, Mr Kartik Vyas joined the session. Mr Kartik Vyas is a founder at Co-Founder at Logicology. He urged the students to come with an idea and start early. He shared his experience of selling the toys on the ground and his learning from the same. He motivated students to start become job creators rather than job seekers.

Later, Dr. Prasad Teegalapelly shared various toys and products his students have developed, and how one can generate the business out of them.

The program ended with the Vote of Thanks by Prof. Ashutosh Dabli.



The flyer is for a "MENTORSHIP SESSION FOR STUDENT ENTREPRENEURS" organized by Bajaj Institute of Technology, Wardha, and the Institutions Innovation Council. The resource person is Dr. Prasad Teegalapelly, Professor at the National Institute of Industrial Engineering, Mumbai, India. The session is scheduled for June 18, 2021, from 03:30 PM to 04:30 PM. It provides links for a meeting and a YouTube video. The flyer also includes a quote: "Every great achiever is inspired by a great mentor." and an illustration of two pencils.

Bajaj Institute of Technology, Wardha
Institutions Innovation Council

**MENTORSHIP SESSION
FOR
STUDENT ENTREPRENEURS**

RESOURCE PERSON

**DR. PRASAD
TEEGALAPELLY**
Professor
National Institute of
Industrial Engineering
Mumbai, India

JOIN US


<http://bit.ly/meet18jun> <http://bit.ly/bitlic18>

Date: 18/06/2021
Time: 03:30 PM to 04:30 PM


Every great achiever is inspired by a great mentor.

Flyer

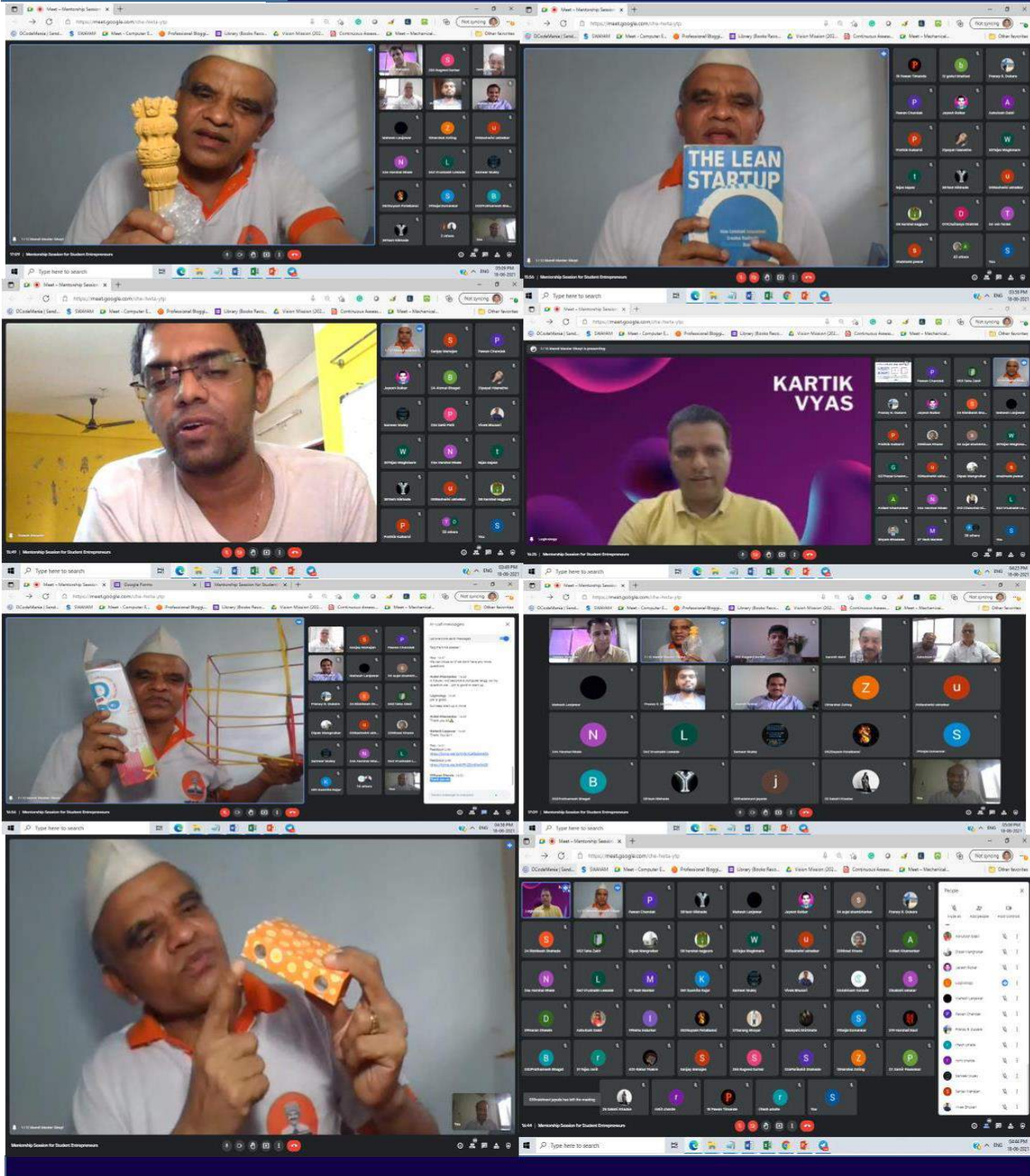
Glimpses of Event:



Bajaj Institute of Technology, Wardha



Glimpses of Event Mentorship Session for Student Entrepreneurs



(Group B) BIT FY Electrical Engg

77 members

June 18

Respected Sir/Madam,

 Greetings from the Institutions Innovation Council, Bajaj Institute of Technology, Wardha !!

Institutions Innovation Council is organizing a Guest Lecture on 18th June 2021.

Topic Name: " ✨ Mentorship Session for Student Entrepreneurs ✨ "

 Resource Person: 
Dr. Prasad Teegalapelly
Professor,
National Institute of Industrial Engineering (NITIE),
Mumbai.

Resource Person Profile:
https://www.nitie.ac.in/sites/default/files/faculty_documents/Dr%20T.%20Prasad_0.pdf

 Date: 18/06/2021
 Time: 03:30 PM to 04:30 PM

 Google Meet Link to Join: <https://meet.google.com/che-hwta-ytp>
(First 100 Participants would be admitted on First Come First Serve Basis)

 YouTube Link to Join: <https://youtu.be/fUPFZHWEzLc>

Message in First-Year Telegram Group


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



Shiksha Mandal's
Bajaj Institute of Technology, Pipri, Wardha
Institute Innovation Council
Session: 2020-21

Date: 16/01/2021

1. Event Name: **Session on Process of Innovation Development**
2. From and to Date: **14/01/2021**
3. Expert Name, Designation: **Mr. Sagar, Kabra, Operations - Head. Natarajan Education Society**
4. Time: **03:00 PM to 04:30 PM**
5. Faculty In-charge: **Dr. Jayesh Ruikar (Vice President, IIC Council)**
6. Total No. of Beneficiary: **150**
7. About the Speaker: An Educator, a Social Entrepreneur and a Development Sector Professional passionately driven towards a dedicated interest in the field of Education, Skill Development, Women Empowerment, Rural Development, Innovations, Sustainability and Healthcare. Diversified field experience of more than 9 years; with exposure and expertise built up in domain of Education (science, environment and climate change), Skill Development, Counselling and Mentorship, Agency Building, Innovation. Driven by inclination to work in development sector.
Mr Sagar, later joined as a Science Educator at Science Express, an initiative started by Government of India and Max Planck Society Germany, got rich and diversified exposure to education system in India, reached out to 4.2 million students and educators across 13,000 schools covering all the states of India. He aim to inculcate scientific and innovative by triggering young minds..
8. About the Event: Convenor, BIT IIC Council, Prof. Sandesh Jain has initiated the session followed by the presidential address is given by the Dr. S. M. Mahajan. President, BIT IIC, Dr. Mahajan inaugurates the session and given brief description of Innovation Week and its activities. Later on Dr. Jayesh Ruikar, Vice-President, BIT-IIC, introduced the speaker to the audience and the mike is handed over to the speaker, Mr. Kabra.

Mr. Sagar Kabra, mainly focus on:

- Process and tools of Innovation Development from scratch.
- How to convert an idea to prototype? In focus with the process of innovation development.
- He describes how to convert new and/or existing knowledge into marketable solution.
- He also cover the process from Idea to a marketable solution and Technology Readiness Level.

Mr Kabra has started his session by quoting Dr APJ Abdul Kalam, saying that “Innovation is born out of the cultural excellence. This excellence is a process when a individual or a nation contrives to fulfil the dream with calculated risk”. He also quoted, Dr. Raghunath Mashelkar, “As an innovator is one who does not know it cannot be done. “ I” in India should stand for Innovation.

Dr. Kabra, explains the audience the meaning of innovation. How the innovator, creates new idea and explain the ways of doing. He further explains the traits and types of innovator, like empathetic, problem finders, risk-takers, networked, observant, creators, resilient and reflective. Later explains about the history of innovation and how to lead the innovation.

He compared the difference and ambiguity between the term creativity, invention and innovation with simple example. He explains the audience that why we need to be innovate and given example for how invention turned out to be innovation. Dr. Kabra, explain the audience various types of technologies such as product/service innovation, process innovation, and marketing education. After the session end, he has taken few of the questions which are asked by the audience.

Prof. Sandesh Jain, Convener, BIT IIC Cell, given the vote of thanks to the speaker and audiences.

This session, Session on Process of Innovation Development proved to very helpful for the students and faculty and they came to know a lot about Process of Innovation Development.

Flyer:



Shikha 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

Session On **PROCESS OF INNOVATION DEVELOPMENT**



MR. SAAGAR KABRA

**Sr. Operations,
Head (CSR),
Natarajan Education
Society, Pune**



**January 14, 2021
TIME: 01:00 PM**



<http://bit.ly/iicbitsession1>



<https://meet.google.com/tnk-ziym-dvg>

Glimpses of Event:

Bajaj Institute of Technology, Wardha

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

Glimpses of Events

Process of Innovation

Bajaj Institute of Technology, Wardha

Sagar Kabra - NES

Dr. Jayesh Ruikar, BIT Wardha

Dr. S. M. Mahajan.

What is Innovation and Who is an Innovator?

Examples of how Inventions turned into Innovations

Invention	Innovation
Laser	

Gaurav Pandey

How much affect does it have on the idea if the gap between the idea being lit and its execution increases?

YouTube Live Snapshot:

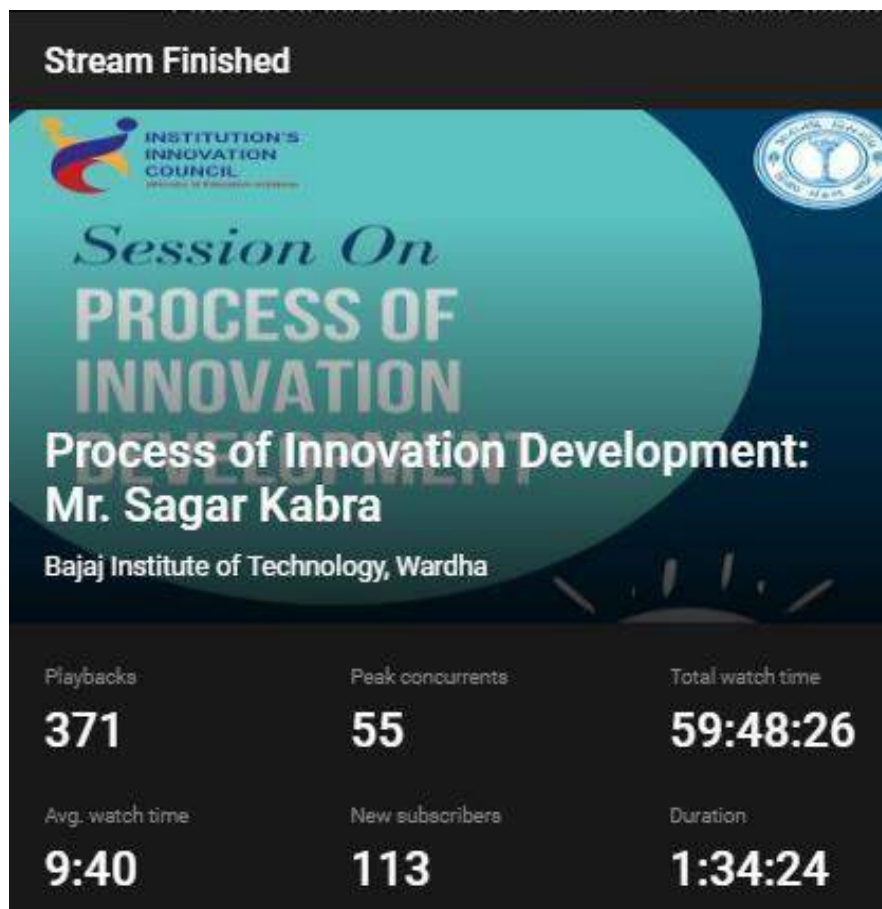


Process of Innovation Development: Mr. Sagar Kabra

492 views • Streamed live on Jan 14, 2021

👍 37 💬 2 ➦ SHARE 📌 SAVE ⋮

YouTube Live Analytics




Dr. S. M. Mahajan
President, BIT-IC
HEAD
Department of Civil Engineering
Bajaj Institute of Technology, Wardha



Shiksha Mandal's

BAJAJ INSTITUTE OF TECHNOLOGY, PIPRI, WARDHA

**Composition of
Research & Development (R&D) Cell**



Shiksha Mandal's
Bajaj Institute of Technology,
Pipri - Wardha
Post Box. No. 25, Pin code: 442001

DTE Code:4649, Phone : 07152- 295473, Email ID : bit@bitwardha.ac.in.

Ref.No:- BIT/I-05/2022-23

Date: 27/05/2022

Office Order

Following committee/Cell has been formed in the Institute. All concerned are required to initiate and complete the tasks and keep records of all the activities.

Research & Development Committee :-

Coordinator:- Dr. Santosh Bopche, Asst.Prof. in Mech.Engg.

Members:- Dr. Prathik Kulkarni, Asst. Prof. in Civil Engg.

Dr. Parthsarathi Subudhi, Asst Prof. in Electrical Engg.

Dr. Jagdish Chakole, Asst. Prof. in Comp. Engg.

Dr. Vijay Deshmukh, Asso. Prof in Physics

Tasks:-

- 1) Publishing research papers in SCI/Scopus/UGC journals with BIT affiliation.
- 2) Submit a proposal for financial assistance for publishing paper presenting in journals/Conference.
- 3) Registering patents.
- 4) Conduct workshop/training on IPR
- 5) Motivate students for research projects.
- 6) Collaborate with Industries for joint research projects.
- 7) Collection of data of all faculty members and students regarding research paper publications/patents awarded/ patents published.
- 8) Presentation by faculty members every week/fortnightly for latest research/technological invention/current trending practices/innovation.

Principal

PRINCIPAL

Bajaj Institute of Technology,
PIPRI, Wardha

	Shiksha Mandal's Bajaj Institute of Technology, Wardha (Affiliated to DBATU, Lonere, Raigad, Maharashtra)	Academic Session: 2022-23
		Doc. No.: BIT/R&D Policy Document/22-23
		Date: 15/09/2022

RESEARCH AND DEVELOPMENT POLICY

(R & D Policy)

PREAMBLE:

The Research and Development (R&D) Policy of Bajaj Institute of Technology is formulated to provide a framework for the development of research culture within the students and faculty members and to promote R&D activities within the institute. It is also to encourage faculty members to participate in research, publish their work and participate in national and international conferences to present the research findings and engender new concepts in the emerging areas.

Introduction:

BIT believes in a judicious combination of teaching and research for the benefit of teaching & student community at large. The institute envisages innovation and technological development through its R & D cell. It has plans to cultivate academic and research collaborations with national and international universities, governments, industries and organizations to meet the immediate needs of society and the industry.

Document No	Prepared on	Revised on	Prepared By	Approved By
BIT/R&D Policy Document/22-23	09/04/21	16/04/21	MDP	Dr. N.M. Kanhe Principal

	Shiksha Mandal's Bajaj Institute of Technology, Wardha (Affiliated to DBATU, Lonere, Raigad, Maharashtra)	Academic Session: 2022-23
		Doc. No.: BIT/R&D Policy Document/22-23
		Date: 15/09/2022

Objectives:

1. To enhance the research awareness by organizing national and international conferences, symposia, workshops on research methodology, IPR and patents, talks and discussions with eminent researchers.
2. To motivate faculty for doctoral and post-doctoral assignments at various national and international Institutes/universities and organizations of repute.
3. To encourage faculty to undertake research projects in, thrust areas in engineering & technology funded by various national and international agencies.
4. To explore new horizons of knowledge and ensure its practical implementation through collective efforts and quality research work.
5. To provide a creative atmosphere, complemented by adequate facilities and resources in which higher studies and research thrive amongst the faculty and students.
6. To get BIT recognized as Center of Excellence.
7. To set up the incubation center and innovation hub
8. To adopt collaborative research with IITs, NITs, Research laboratories, industries and renowned organizations.
9. To publish the research works in renowned journals.

Document No	Prepared on	Revised on	Prepared By	Approved By
BIT/R&D Policy Document/22-23	09/04/21	16/04/21	MDP	Dr. N.M. Kanhe Principal

	Shiksha Mandal's Bajaj Institute of Technology, Wardha (Affiliated to DBATU, Lonere, Raigad, Maharashtra)	Academic Session: 2022-23
		Doc. No.: BIT/R&D Policy Document/22-23
		Date: 15/09/2022

All the faculty members who intend to apply for R&D projects and grants shall follow the work procedure given herewith.

- Every research proposal shall first be reviewed by the Principal Investigator/ Co- Investigator and then by the concerned Head of the Department / experts in the department. This may be followed by review by the Principal.
- All applications related with R&D shall be routed through R&D coordinator along with one hard copy for R&D records.
A soft copy shall also be emailed to the R&D coordinator and also to the Head of the Department.
- Separate dead stock registers shall be maintained for the entire R&D for the externally funded projects in every department.
- Purchase of instruments, software, etc. and the audit report made for the same shall be as per the guidelines of accounts department.
- Principal Investigator and Co-Investigator shall ensure that the instruments, software, etc. purchased are secured in the laboratory/department.
- The entire sanctioned amount shall be utilized as per the guidelines of the funding agency.
- In case the Principal Investigator leaves the institute, the co-investigator will be in-charge and all the items, instruments, software etc. purchased shall remain as an asset of the institute.
- All Heads of the Department must regularly and diligently update the R&D information with R & D Coordinator.

Document No	Prepared on	Revised on	Prepared By	Approved By
BIT/R&D Policy Document/22-23	09/04/21	16/04/21	MDP	Dr. N.M. Kanhe Principal

	Shiksha Mandal's Bajaj Institute of Technology, Wardha (Affiliated to DBATU, Lonere, Raigad, Maharashtra)	Academic Session: 2022-23
		Doc. No.: BIT/R&D Policy Document/22-23
		Date: 15/09/2022

PATENTS:

Receiving patent for one's research work is one of the most important factors denoting the quality of research. The patent shall irrevocably be registered in the name of BIT and the researcher's name and it should also be prominently featuring researcher's name as the inventor. The commercial aspects shall be mutually worked out between the institute and the researcher. If patent is filed by the individual, then expenses will be borne 50% by researcher and 50% by the institute. If patent is filed in the name of the institute only, then 100% expenses are borne by the Institute.

Document No	Prepared on	Revised on	Prepared By	Approved By
BIT/R&D Policy Document/22-23	09/04/21	16/04/21	MDP	Dr. N.M. Kanhe Principal

	Shiksha Mandal's Bajaj Institute of Technology, Wardha (Affiliated to DBATU, Lonere, Raigad, Maharashtra)	Academic Session: 2022-23
		Doc. No.: BIT/R&D Policy Document/22-23
		Date: 15/09/2022

FINANCIAL ASSISTANCE SCHEME:

The details of financial assistance scheme are as follows:

S. No.	Particulars	Incentive/ Assistance	Criteria for Incentive/ Assistance
1	Submission of research papers to conferences	Registration fees	Conference organizing institute must be of national repute, NITs, IITs etc.
2	Submission of research papers to Scopus/SCI indexed journals	Publication charges for un-paid journals	Scopus/ SCI Indexed Journals
3	Attending conferences, workshops, seminars etc.	Duty leaves and Registration charges of the event	Host Organization must be of National Repute
4	Membership of professional bodies/Organization	Reimbursement of Registration fees upto Rs. 4000/-	All the faculty of the Institute
5	Purchase of books for central library	Reimbursement of total cost of the Book(s)	Book must be made available in the library for students/ faculty
6	Filing of IPRs	Prior Sanction & Reimbursement of the expenses incurred towards filing, examination, and licensing of IP	IPRs must be filed with Institute affiliation
7	Seed money for research projects	As approved by the Principal & the Management	Project problem must be properly justified in context of community development/ thrust areas.

R & D Coordinator
Prepared By


Dr. Narendra Kanhe
Approved By
 PRINCIPAL,
 Bajaj Institute of Technology,
 PIPBI, Wardha.

Document No	Prepared on	Revised on	Prepared By	Approved By
BIT/R&D Policy Document/22-23	09/04/21	16/04/21	MDP	Dr. N.M. Kanhe Principal



Shiksha Mandal's

BAJAJ INSTITUTE OF TECHNOLOGY, PIPRI, WARDHA

**Financial Assistance to Faculty for attending
Workshops/ Conferences & Filing Patents**

To,
The Principal
Bajaj Institute of Technology
Pipri- 442003, Wardha

5/7/2022

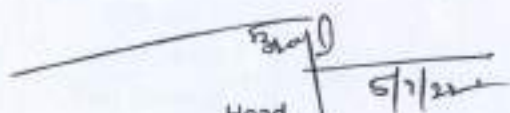
Sub: Seeking permission for Patent filing

Dear Sir,

I, along with my students, are working on some technical projects. The projects are completed, and now we wish to file patents on these projects. Therefore, I request you to support us financially in filing the patents and permit us for the same. The details of the projects and patent filing fee are mentioned in the table below:

Sr. No.	Project	Patent filing fee (approximate)	Patent type
1	3D modeling and development of RP-assisted mixer grinder blade to split and uncover peanut grains	17000/-	National
2	Designing and fabrication of a mechanism to open stop dam gates	17000/-	National
Total		Rs. 34,000/- (Thirty-four thousand)	


Dr. Vikas Gohil
Associate Professor


Head
Mech. Engg. Dept.

HEAD
Department of Mechanical Engineering
Bajaj Institute of Technology, WARDHA



Principal

Comments:

Forwarded to the Chairman, S.M. for approval.

This will be patented in BIT's name, as owner.


PRINCIPAL,
Bajaj Institute of Technology,
PIPRI, Wardha.


5/7/22



Shiksha Mandal's

BAJAJ INSTITUTE OF TECHNOLOGY, PIPRI, WARDHA

DEPARTMENT OF MECHANICAL ENGINEERING

Date: 14/02/2023

Patent filing report

Dear sir,

It gives me immense pleasure to communicate that one of our design patent is filed on 24/01/2023. The title of the invention is **3D modeling and fabrication of RP-assisted Mixer Grinder Blade to split and uncover peanut grains.**

The present invention deals with the development of a blade design that can be utilized for splitting and de-skinning peanut grains. The objective of developing a blade design is to reduce human effort/intervention and save time.

I would like to thank authorities at Bajaj Institute of Technology Wardha for financial support and encouragement. A copy of the publication is attached herewith for your perusal.

The status of the same can also be seen online by following the link given below.
<https://search.ipindia.gov.in/DesignApplicationStatus>

The details of research group is mentioned below:

- 1 Dr. Vikas Gohil
(Faculty)
- 2 Darpan Satija
(student)
- 3 Samiksha Tapase
(student)
- 4 Pranoti Bhute
(student)
- 5 Raj Mohije
(student)

Dr. Vikas Gohil
Associate Professor



ORIGINAL

मूल/No : 132708



भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No. : 377898-001
तारीख / Date : 24/01/2023
पारस्परिकता तारीख / Reciprocity Date* :
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **MIXER BLADE** से संबंधित है, का पंजीकरण, श्रेणी **31-00** में 1.Dr. Vikas Gohil 2. Darpan Satija 3.Samiksha Tapase 4.Pranoti Bhute 5.Raj Mohije के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

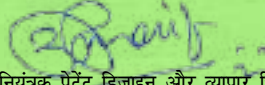
Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class **31-00** in respect of the application of such design to **MIXER BLADE** in the name of 1.Dr. Vikas Gohil 2. Darpan Satija 3.Samiksha Tapase 4.Pranoti Bhute 5.Raj Mohije.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

INTELLECTUAL
PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

निर्गमन की तारीख/Date of Issue : 06/04/2023


महानियंत्रक पेटेंट डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति देश के नाम पर की गई है। डिजाइन का सत्त्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।

*The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.



Shiksha Mandal's

BAJAJ INSTITUTE OF TECHNOLOGY, PIPRI, WARDHA

**Papers Published/ Presented by Students under
Mentorship of Faculty**



Shiksha Mandal's

BAJAJ INSTITUTE OF TECHNOLOGY, PIPRI, WARDHA

DEPARTMENT OF MECHANICAL ENGINEERING

Date: 11/01/2023

Research paper publication report

Dear sir,

It gives me immense pleasure to communicate that two of my project groups had written two research papers. It was accepted and presented in an International Conference on Advancements in Manufacturing Engineering (ICAME) – Nov. 2022 organized at National Institute of Technology Delhi, India.

I would like to thank authorities at Bajaj Institute of Technology Wardha for financial support and encouragement.

All accepted papers are now published in Scopus indexed journal, **Materials Today: Elsevier Proceedings**. Copies of the papers are attached herewith for your perusal.

The status of the same can also be seen online by following the link given below.

1. <https://doi.org/10.1016/j.matpr.2023.01.043>
2. <https://doi.org/10.1016/j.matpr.2023.01.044>

The details of the papers are mention in the table below:

Sr. No.	Paper Title
1	A Study in Electrical Discharge Machining Using Copper Tungsten Electrode (paper - 20)
2	A Study in EDM Electrode Manufacturing Using Additive Manufacturing (paper - 27)

Dr. Vikas Gohil
Associate Professor



Contents lists available at ScienceDirect

Materials Today: Proceedings

journal homepage: www.elsevier.com/locate/matpr

A study in electrical discharge machining using copper tungsten electrode

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ARTICLE INFO

Article history:
Available online xxxx

Keywords:
Electrical discharge machining
Copper tungsten
Tool electrode

ABSTRACT

One of the first unconventional methods of manufacturing is electrical discharge machining (EDM) which has found its application in modern industries because of its obvious advantages over the conventional machining processes. EDM performance mostly depends on material of electrode selected and process parameters like peak current, pulse-off duration, Pulse-on duration and some others. Hence it is very important to select electrode materials and adequate process parameters to get the required output. Copper tungsten (CuW) is used when fine surface finish is required. CuW combines copper's (Cu) good electrical and thermal properties with higher melting temperature of tungsten (W). The purpose of this study is to evaluate the research that has been done in order to identify the most important process factors when machining with copper tungsten electrodes. It was concluded that output parameters such as Material removal rate, Tool wear ratio and surface finish highly depend on the optimization of combination of electrode too material and input parameters. A single input set cannot be defined for the optimization of all three output parameters. It was also concluded that all possible compositions of copper and tungsten should be explored in order to determine the best combination for required output. Copyright © 2023 Elsevier Ltd. All rights reserved.

Selection and peer-review under responsibility of the International Conference on Advancements in Manufacturing Engineering – 2022.

1. Introduction

One of the most popular non-conventional material removal machining processes is electrical discharge machining. Recently it has been used as a replacement for various machining operations like drilling, milling, grinding over traditional machining processes [1]. It uses short duration electrical discharges, generated with the help of electrode, for material removal from the workpiece which is submerged in Dielectric fluid [2]. It uses thermal energy to perform machining operations of materials which possesses electrical conductivity [3]. As it does not require to maintain a direct mechanical contact between workpiece and electrode during machining operation, issues like vibrations and stresses are avoided [4].

EDM technique is mostly used for processing of high strength materials and parts with complex geometry [5]. It can also be used for making curved channels through the workpiece [6]. The performance of EDM is a function of Rate of material removal, rate of tool

wear, and roughness of the surface. Additionally, the machining parameters discharge current, duty cycle, pulse on duration (T_{on} time), arc gap, and pulse off duration that have an impact on the performance measure (T_{off} time) [7].

English scientist Joseph Priestley first noted the corrosive effects of electrical discharges in 1770. This destructive property was later used for constructive use by Russian physicist couple Dr Lazarenko in 1943 at Moscow University [8].

2. EDM principal

Fundamental principal of EDM is shown in Fig. 1. It uses conductive electrode to initialize the Sparking process [9]. When doing electrical discharge machining the workpiece is totally submerged in dielectric and a series of electrical discharges are used to convert electrical energy to heat energy. [10]. This heat energy creates a plasma channel between Cathode (Electrode) and Anode (Workpiece), at a temperature ranging from 8000 °C to 20000 °C [5].

The electrode advances through the dielectric towards the workpiece until the gap is so small that the ionization of the dielectric fluid occurs. To achieve accuracy in machining, the dielectric

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A study in EDM electrode manufacturing using additive manufacturing

Raj Mohije^a, Himanshu Titre^a, Vikas Gohil^{a,*}, Diwesh Babruwan Meshram^b^a Department of Mechanical Engineering, Bajaj Institute of Technology, Wardha, India^b Department of Plastic Technology Central Institute of Petrochemicals Engineering and Technology, Korba, India

ARTICLE INFO

Article history:

Available online xxxx

Keywords:

Electrical Discharge Machining (EDM)

Additive Manufacturing (AM)

Fused Deposition Modelling (FDM)

Laser Sintering (LS)

ABSTRACT

Electrode can be manufacture by conventional as well as non-conventional processes like Thermal spraying and Additive manufacturing (AM). In AM mostly Fused Deposition Modeling (FDM) and Laser Sintering (LS) are used. The selection of a proper manufacturing process has a very vital role when it comes to output characteristics of Electrodes. In this paper Authors have reviewed LS and FDM based EDM tool manufacturing processes. The purpose of this study is to present significant findings about effective EDM electrode manufacturing using LS and FDM. It was concluded that, the RP made tool electrode can be used where higher surface finish are desired and MRR and TWR can be neglected. The electrode manufactured using FDM techniques promising results for rough cutting and semi-finishing cut in EDM operations.

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Selection and peer-review under responsibility of the International Conference on Advancements in Manufacturing Engineering – 2022.

1. Introduction

The most popular thermoelectric non-conventional machining process is electrical discharge machining (EDM) [1]. The distinctive advantage of EDM is that it can be used for machining intricate patterns on hard materials which cannot be machined using conventional methods [2]. Additionally, the necessity to maintain physical contact between the workpiece and tool is eliminated, which lowers vibrations and operating stresses during machining [3]. Because of these advantages over conventional methods, EDM is now replacing traditional operations like drilling, milling, and grinding [4].

Generally, the performance of EDM is assessed based on its MRR, TWR, RWR, and SR [5]. As direct contact is not required, the working of EDM is independent was of the material and characteristics of workpiece [6]. Today EDM can be used for drilling on curved surfaces at steep angles with electrodes as precise as 0.1 mm [7]. Electrical discharges Structure that occurs between the electrode and the workpiece in the presence of a dielectric fluid are what drive the erosive action of EDM [8]. As the material removal during individual pulse is very less, the frequency of the discharges should be high [9]. The erosive effect of electrical discharges was first observed by English scientist Joseph Priestley in

1770. This destructive property of discharges was used constructively by physicist couple Dr Lazarenko in the year 1943 [7]. Since then, a lot of research has been done on machining of advanced materials, obtaining higher surface finish using EDM and its other variants [10]. EDM can also be used for manufacturing of curved holes in workpiece [11]. This review article gives a new direction for future researchers by finding the gap between past and latest work done on the topic.

2. EDM principle

The EDM process works on the basis of thermoelectric power. The basic EDM system can be seen in Fig. 1.[7]. For the converting electrical energy into heat energy, a sequence of discrete electrical discharges between the electrode (usually referred to as cathode) and workpiece (often referred to as anode) are utilized [12]. Flow of electricity and motion of electrode is controlled by the power supply associated with the function. While machining the workpiece is completely submerged in dielectric liquid [2]. A small gap called a 'spark gap' is maintained between the workpiece and electrode, and pulsed discharge occurs in this gap filled with dielectric medium (preferably de-mineralized water) [13]. The volume of the extracted material per unit is usually 10^6 - 10^4 mm³ [14].

As a result, the working surface and the tool electrode both develop a tiny crater. The removed material forms several hundred particles of circular debris, which are then removed from the space

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Shiksha Mandal's

BAJAJ INSTITUTE OF TECHNOLOGY, PIPRI, WARDHA

Patents Granted



Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021106226

The Commissioner of Patents has granted the above patent on 10 November 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Sumant G. Kadwane of Yashwantrao Chavan College of Engineering, Hingna Road Nagpur Maharashtra India
Rahul S. Somalwar of Bajaj Institute of Technology, Pipri Wardha India

Title of invention:

A SYSTEM AND METHOD FOR DESIGNING A SOLAR POWERED AUTOMATIC MULTIPURPOSE AGRICULTURE MACHINE

Name of inventor(s):

Kadwane, Sumant G. and Somalwar, Rahul S.

Term of Patent:

Eight years from 20 August 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 10th day of November 2021

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

Extracts from the Patents Act, 1990

Sec 120(1A) Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

Sec 128 **Application for relief from unjustified threats**

- (1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:
- (a) a declaration that the threats are unjustifiable; and
 - (b) an injunction against the continuance of the threats; and
 - (c) the recovery of any damages sustained by the applicant as a result of the threats.
- (2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

Sec 129A **Threats related to an innovation patent application or innovation patent and courts power to grant relief.**

Certain threats of infringement proceedings are always unjustifiable.

- (1) If:
- (a) a person:
 - (i) has applied for an innovation patent, but the application has not been determined; or
 - (ii) has an innovation patent that has not been certified; and
 - (b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be; then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

Courts power to grant relief in respect of threats made by the applicant for an innovation patent or the patentee of an uncertified innovation patent

- (2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the applicant the relief applied for.

Courts power to grant relief in respect of threats made by the patentee of certified innovation patent

- (3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

Schedule 1 **Dictionary**

certified, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent



REPUBLIC OF SOUTH AFRICA

REPUBLIEK VAN SUID AFRIKA

PATENTS ACT, 1978

CERTIFICATE

In accordance with section 44 (1) of the Patents Act, No. 57 of 1978, it is hereby certified that:

Rahul Somalwar; Ruikar Jayesh Deoaro; Mansi Kishor Tikhile; Payal Rajkumar Ghanmode; Akhilesh Mahadev Deshmukh; Gaurav Dnyaneshwar Ate; Shreyash Satish Astonkar

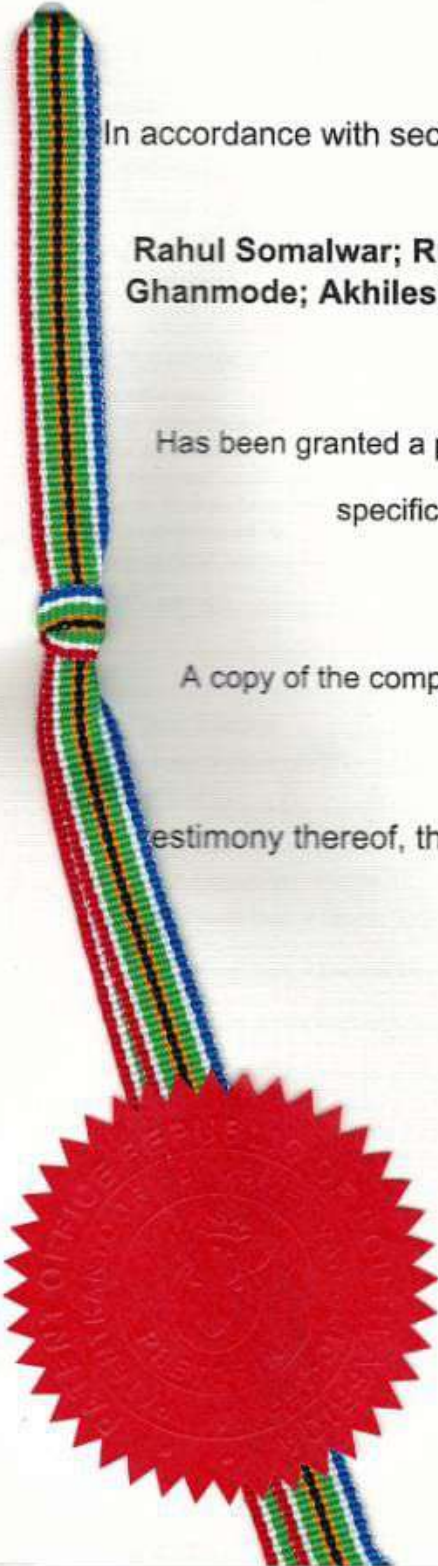
Has been granted a patent in respect of an invention described and claimed in complete specification deposited at the Patent Office under the number

2022/12898

A copy of the complete specification is annexed, together with the relevant Form P2.

In testimony thereof, the seal of the Patent Office has been affixed at Pretoria with effect from the **22nd** day of **February 2023**


.....
Registrar of Patents







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 [Indications of geogr. origin](#) ▾
 [Service](#) ▾

[DPMAkurier](#) ▾

ST.27-legal status data

The legal status information displayed below is based on WIPO Standard ST.27 and of a purely informative nature. Binding information on the status of the IP right is only available in DPMAreger (Show details).

DE file number: 20 2022 103 047.2 (Designation/title: Ein RuO₂/Pb(Zr_{0.52}Ti_{0.48})O₃/RuO₂ Metall-Isolator-Metall-Bauelement unter Verwendung der Solgel-Spincoating-Methode)



Tabular representation

Current state: Active, Current state: Grant

KEY EVENT HISTORY

No.	Key Event Code	Key Event Name	Event Date	Effective Date ▲	Publication Date	To Stage
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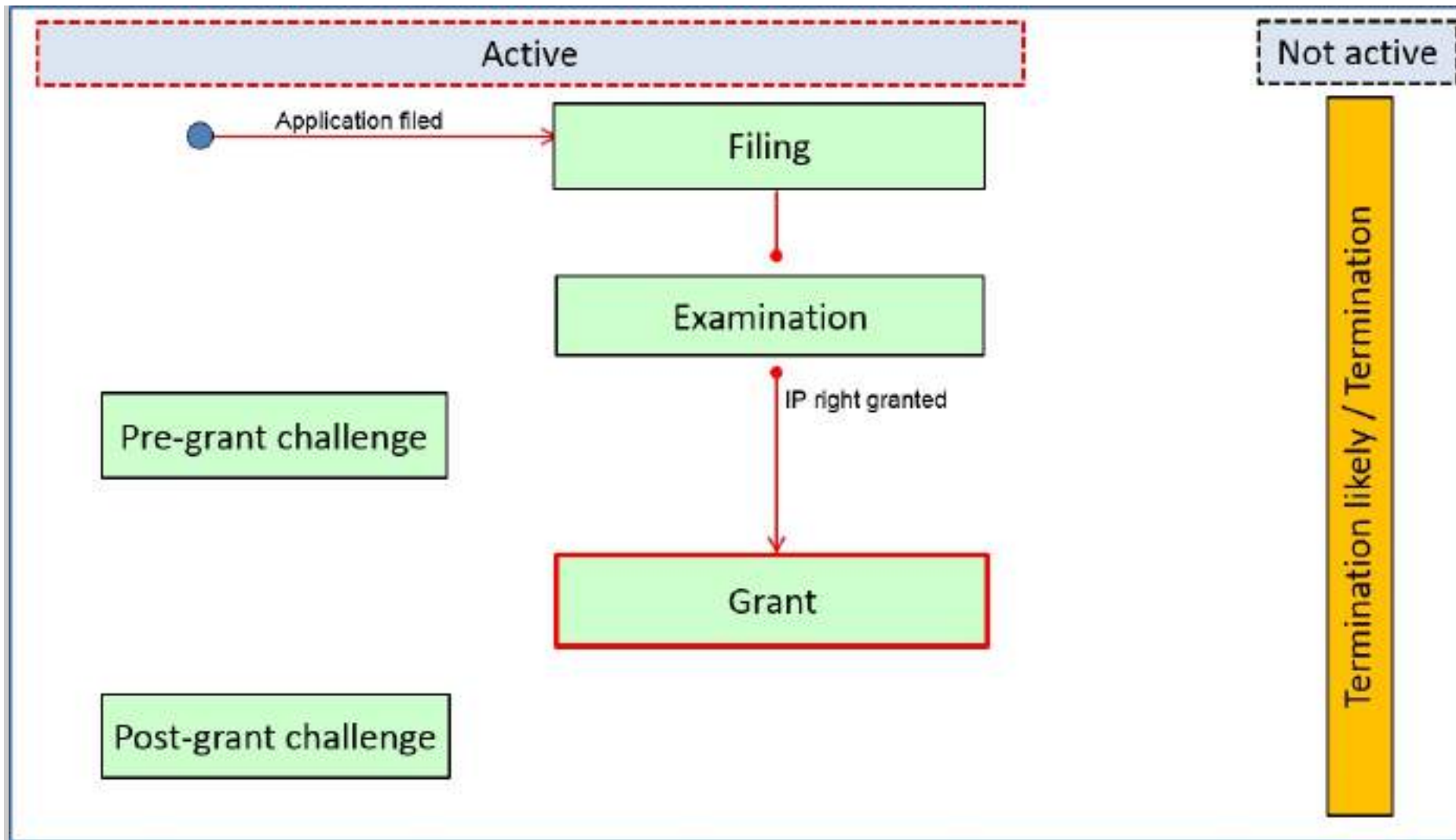
No.	Key Event Code	Key Event Name	Event Date	Effective Date ▲	Publication Date	To Stage
1	A10	Application filed	May 31, 2022	May 31, 2022		Filing
2	F10	IP right granted	Jun 10, 2022	Jun 10, 2022		Grant
3	Q10	Document published	Jul 21, 2022	Jul 21, 2022	Jul 21, 2022	Grant

DETAILED EVENT HISTORY

No.	Detailed Event Code	Detailed Event Name	Event Date	Effective Date ▲	Publication Date	To Stage
1	A10	Application filed	May 31, 2022	May 31, 2022		Filing
2	F12	IP right granted following formality examination	Jun 10, 2022	Jun 10, 2022		Grant
3	Q13	IP right document published	Jul 21, 2022	Jul 21, 2022	Jul 21, 2022	Grant

Graphical representation

Below you will see a simplified graphical representation of the legal status information, which is based on WIPO Standard ST.27 using the "Overall Patent/SPC Prosecution Model" defined therein.



You are here > [DPMAreger-Home](#) > [Patents and utility models](#) > [Advanced search](#) > [Result list](#) > [Details](#) > ST.27-legal status data

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ST.27-Rechtsstandsdaten

Die nachfolgend angezeigten Rechtsstandsdaten basieren auf dem WIPO Standard ST.27 und sind rein informativ. Verbindliche Informationen zum Status des Schutzrechts sind nur über die Detailansicht im DPMAreger verfügbar. Dem WIPO Standard ST.27 entsprechend erfolgt die Darstellung der Inhalte nur auf Englisch.

Aktenzeichen DE: 20 2021 106 308.4

Bezeichnung/Titel: Multifunktionaler Kabinensitz für Passagierflugzeuge mit künstlicher Intelligenz

Tabellarische Wiedergabe:

Current State: Active

Current Stage: Grant

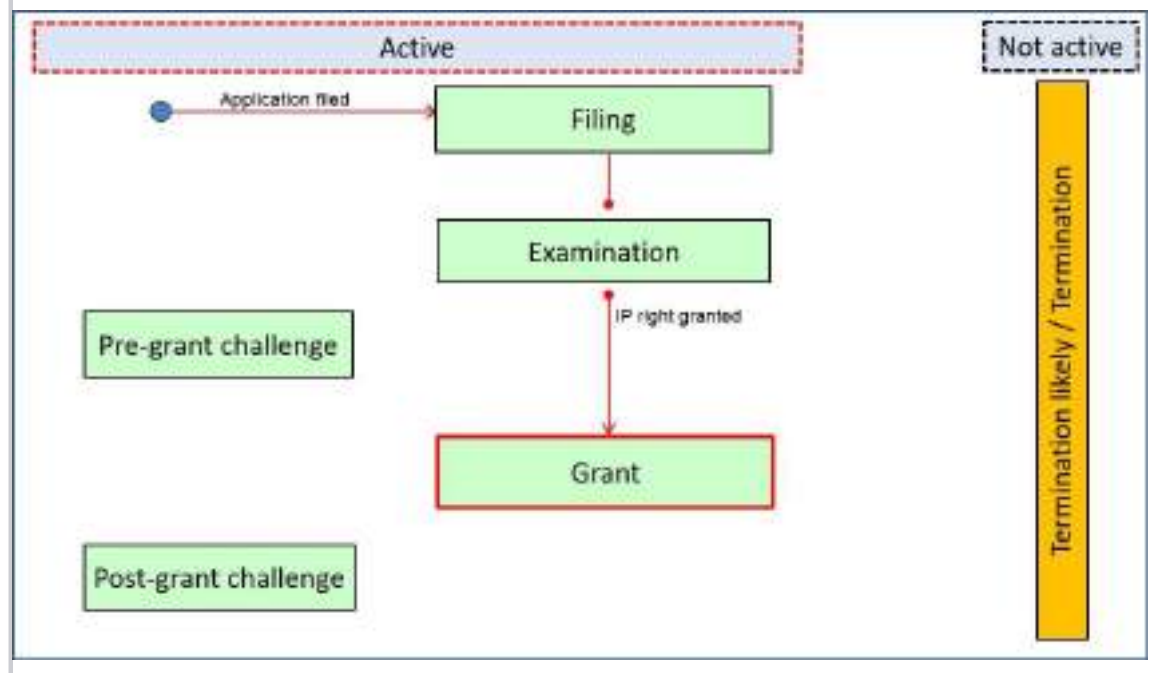
Herunterladen

Key Event History						
Position	Key Event Code	Key Event Name	Event Date	Effective Date	Publication Date	To Stage
1	A10	Application filed	19.11.2021	19.11.2021		Filing
2	F10	IP right granted	03.12.2021	03.12.2021		Grant

Detailed Event History						
Position	Detailed Event Code	Detailed Event Name	Event Date	Effective Date	Publication Date	To Stage
1	A10	Application filed	19.11.2021	19.11.2021		Filing
2	F12	IP right granted following formality examination	03.12.2021	03.12.2021		Grant

Graphische Wiedergabe:

Nachfolgend wird eine vereinfachte graphische Repräsentation der Rechtsstandsdaten basierend auf dem WIPO Standard ST.27 anhand des dort definierten "Overall Patent/SPC Prosecution Model" wiedergegeben.



Sie sind hier: > [DPMAreger-Startseite](#) > [Patente und Gebrauchsmuster](#) > [Detailansicht](#) > ST.27-Rechtsstandsdaten



ORIGINAL

मूल/No : 128881



भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No. : 360020-001
तारीख / Date : 07/03/2022
पारस्परिकता तारीख / Reciprocity Date* :
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **BURNER HEAD** से संबंधित है, का पंजीकरण, श्रेणी **07-02** में 1.Dr. Pawan A. Chanak 2. Harshal Kotewar 3.Viraj Meghe 4.Dr. Tanuja P. Chandak के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

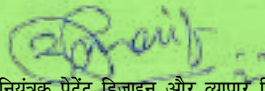
Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class **07-02** in respect of the application of such design to **BURNER HEAD** in the name of 1.Dr. Pawan A. Chanak 2. Harshal Kotewar 3.Viraj Meghe 4.Dr. Tanuja P. Chandak.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

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निर्गमन की तारीख/Date of Issue : 08/02/2023


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ORIGINAL
क्रम सं/ Serial No. : 144561



पेटेंट कार्यालय, भारत सरकार

The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र

Certificate of Registration of Design

डिजाइन सं. / Design No. : 362395-002
 तारीख / Date : 12/04/2022
 पारस्परिकता तारीख / Reciprocity Date* :
 देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *BURNER HEAD* से संबंधित है, का पंजीकरण, श्रेणी 23-03 में 1.Dr. Pawan A. Chandak 2. Harshal Kotewar 3.Dr. Tanuja P. Chandak 4.Asif A. Sheikh 5.Sumedh Rohankar के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 23-03 in respect of the application of such design to *BURNER HEAD* in the name of 1.Dr. Pawan A. Chandak 2. Harshal Kotewar 3.Dr. Tanuja P. Chandak 4.Asif A. Sheikh 5.Sumedh Rohankar.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि : 26/09/2023
 Date of Issue



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ORIGINAL

मूल/No : 131599



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THE PATENT OFFICE

डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No. : 362395-003
तारीख / Date : 12/04/2022
पारस्परिकता तारीख / Reciprocity Date* :
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **BURNER HEAD** से संबंधित है, का पंजीकरण, श्रेणी **23-03** में 1.Dr. Pawan A. Chandak 2. Harshal Kotewar 3.Dr. Tanuja P. Chandak 4.Asif A. Sheikh 5.Sumedh Rohankar के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

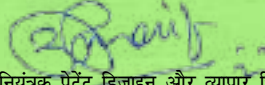
Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class **23-03** in respect of the application of such design to **BURNER HEAD** in the name of 1.Dr. Pawan A. Chandak 2. Harshal Kotewar 3.Dr. Tanuja P. Chandak 4.Asif A. Sheikh 5.Sumedh Rohankar.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

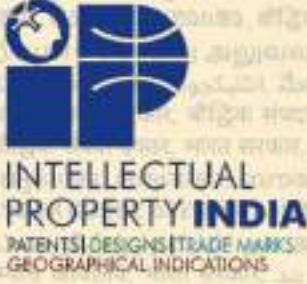
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निर्गमन की तारीख/Date of Issue : 23/03/2023


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पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति देश के नाम पर की गई है। डिजाइन का सत्त्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।

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ORIGINAL

क्रम सं/ Serial No. : 138821



सत्यमेव जयते

पेटेंट कार्यालय, भारत सरकार

The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No. : 362395-001
 तारीख / Date : 12/04/2022
 पारस्परिकता तारीख / Reciprocity Date* :
 देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **BURNER HEAD** से संबंधित है, का पंजीकरण, श्रेणी 23-03 में 1.Dr. Pawan A. Chandak 2. Harshal Kotewar 3.Dr. Tanuja P. Chandak 4.Asif A. Sheikh 5.Sumedh Rohankar के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 23-03 in respect of the application of such design to **BURNER HEAD** in the name of 1.Dr. Pawan A. Chandak 2. Harshal Kotewar 3.Dr. Tanuja P. Chandak 4.Asif A. Sheikh 5.Sumedh Rohankar.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन प्रावधानों के अनुसरण में।
 In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि : 07/06/2023
 Date of Issue



(Signature)

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डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No. : 377898-001
तारीख / Date : 24/01/2023
पारस्परिकता तारीख / Reciprocity Date* :
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **MIXER BLADE** से संबंधित है, का पंजीकरण, श्रेणी **31-00** में 1.Dr. Vikas Gohil 2. Darpan Satija 3.Samiksha Tapase 4.Pranoti Bhute 5.Raj Mohije के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

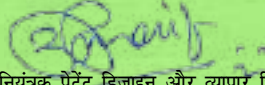
Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class **31-00** in respect of the application of such design to **MIXER BLADE** in the name of 1.Dr. Vikas Gohil 2. Darpan Satija 3.Samiksha Tapase 4.Pranoti Bhute 5.Raj Mohije.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

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Shiksha Mandal's

BAJAJ INSTITUTE OF TECHNOLOGY, PIPRI, WARDHA

Sample Report of SIH Competition



Smart India Hackathon 2022

A. Introduction:

Smart India Hackathon is a national level competition for young developers and engineers in India. The competition is organized by the Ministry of Education and the All India Council for Technical Education (AICTE) in collaboration with several other government organizations, industry partners, and academic institutions.

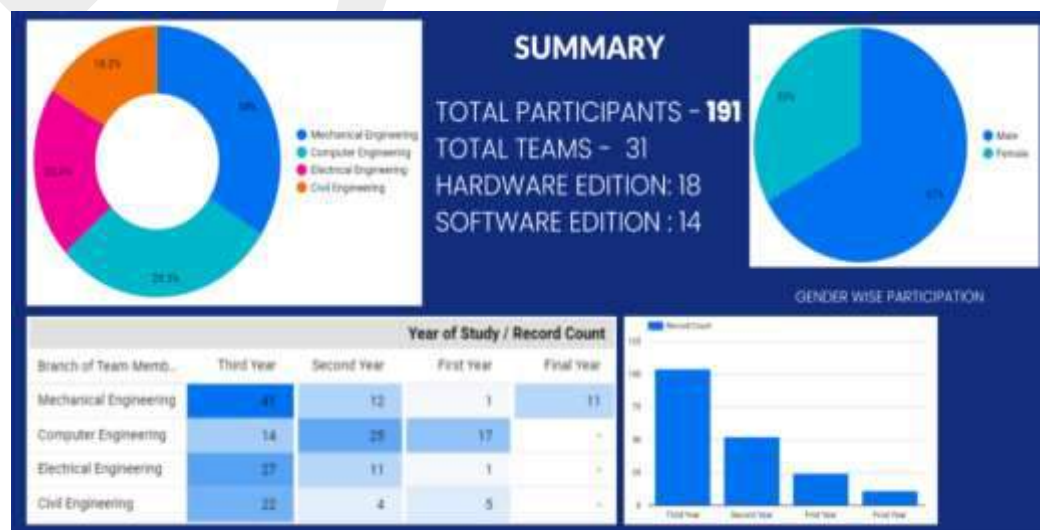
The aim of the competition is to bring together bright minds from across India to solve some of the country's pressing challenges through innovative and technology-driven solutions.

The competition is conducted in two phases. In the first phase, teams compete at the national level through an online competition, and the top teams are shortlisted for the second phase. In the second phase, the selected teams are invited to compete in a 36-hour coding challenge / 5 Days Prototype Development Challenge, non-stop at a designated center. The winners are selected based on their idea, innovation, and prototype.

B. Internal Hackathon 2022:

As per the guideline of Smart India Hackathon 2020 organizing Committee, we have conducted Internal Hackathon in our campus between 22nd Feb 2022- 25th February for selection of Best 10 +5 Waitlisted Teams) Teams from the college.

- i. Participation in Internal Hackathon: 191 Students
- ii. Number of Teams Nominated for National Event:
 - a. Software Edition: 09
 - b. Hardware Edition: 06





- 1. Mentoring Round:** Mentoring Round was conducted on 22/03/2022 (First Day of Internal Hackathon) in the respective department and suggestion related to ideas students working upon was provided.



- 2. Internal Hackathon:**





3. Power Judging Round(Glimpses):



4. Internal Hackathon Participation Certificates:



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		Date: 25/11/2022

5. List of students participated in Internal Hackathon

List of Members Participated in Internal Hackathon				
Name of Student	Team Name	Gender	Year of Study	Branch of Team Member
Avantika Parful Barudwale	Apocalypse	Female	First Year	Computer
Chinmay Ashok Telrandhe		Male	First Year	Computer
Chinmay Sudesh Kulte		Male	First Year	Computer
Dwij Naranje		Male	First Year	Computer
Mrudula Ravindra Pangul		Female	First Year	Computer
Pranjal Rahul Saboo		Female	First Year	Computer
Mahima Madhukar Dhage	Aquadrip	Female	Third Year	Civil
Parag Ravindra More		Male	Third Year	Electrical
Rushikesh Sanjay Hedau		Male	Third Year	Electrical
Sanket Banduji Mahakalkar		Male	Third Year	Electrical
Sunidi Rajesh Kawley		Female	Third Year	Civil
Yash Dipak Chaudhari		Male	Third Year	Computer
Kishita Dhale	Ausories	Female	Third Year	Electrical
Mahesh R Lanjewar		Male	Third Year	Electrical
Mayuri Ugemuge		Female	Third Year	Electrical
Palak Jethwa		Female	Third Year	Electrical
Tanay Nakhale		Male	Third Year	Electrical
Tanushree Chore		Female	Third Year	Electrical
Aryan Anant Buchunde	Bit Drone Humaze	Male	First Year	Mechanical
Khushi Gajanan Deulkar		Female	First Year	Civil
Nital Sanjay Sune		Female	First Year	Civil
Sakshi Vilas Rakhunde		Female	First Year	Civil
Sanskar Rajdip Kamble		Male	First Year	Civil
Sanskriti Anil Shende		Female	First Year	Civil
Ayush Rajendra Ugemuge	Carelifters	Male	Third Year	Mechanical
Mayur Vinod Mude		Male	Third Year	Mechanical
Pratik Vijay Watmode		Male	Third Year	Mechanical
Pravin Purushottam Mohad		Male	Third Year	Mechanical
Purva Arun Wanjare		Female	Third Year	Civil
Rohit Lukesh Charde		Male	Third Year	Mechanical
Ashwini Ukhalkar	Code-X	Female	Second Year	Computer
Ganesh Gangadharrao Golhar		Male	Second Year	Computer
Harshali Raut		Female	Second Year	Computer
Mahesh Rohane		Male	Second Year	Computer
Purva Dhopade		Female	Second Year	Computer
Yash Wadatkar		Male	Second Year	Computer
Aditya Jha	Culture	Male	Second Year	Computer
Anujkumar Yadav		Male	Second Year	Computer
Harsh Kushwaha		Male	Second Year	Computer
Neha Chopade		Female	Second Year	Computer
Prem Mungle		Male	Second Year	Computer
Vaishnavi Jayde		Female	Second Year	Computer
Piyushi Labhe	Falcon	Female	First Year	Computer
Pranav Tiwari		Male	First Year	Computer
Renuka Nandkishor Joshi		Female	First Year	Computer



List of Members Participated in Internal Hackathon

Name of Student	Team Name	Gender	Year of Study	Branch of Team Member
Saloni Mishra		Female	First Year	Electrical
Shantanu Rodke		Male	First Year	Computer
Yashwardhan Katkamwar		Male	First Year	Computer
Pranay Navghare	Flood Brigade	Male	Third Year	Civil
Pruthak Kadu		Male	Second Year	Civil
Sahil Patil		Male	Third Year	Civil
Sanket Panbude		Male	Second Year	Civil
Siddhant Gupta		Male	Second Year	Civil
Vaishnavi Sayankar		Female	Second Year	Civil
Aniket D. Somnath		Flood Forecasters	Male	Third Year
Pratik A. Tekade	Male		Third Year	Civil
Pratiksha Ganeshrao Bawane	Female		Third Year	Civil
Sanket N. Urkude	Male		Third Year	Civil
Shahid Faruk Dunge	Male		Third Year	Civil
Vinay Jivan Shende	Male		Third Year	Civil
Pawan Rangdev Timande	Go Mech		Male	Second Year
Sakshi Waghmare		Female	Third Year	Mechanical
Sarvesh Malode		Male	Third Year	Mechanical
Sheshnarayan Yadav		Male	Second Year	Mechanical
Swarup Hatwar		Male	Second Year	Mechanical
Tejas Hidrudkar		Male	Third Year	Mechanical
Akhilesh Deshmukh		Hustlers	Male	Third Year
Amisha Andurkar	Female		Third Year	Electrical
Gaurav Ate	Male		Third Year	Electrical
Mansi Kishor Tikhile	Female		Third Year	Electrical
Payal Ghanmode	Female		Second Year	Computer
Shreyash Ashtonkar	Male		Third Year	Electrical
Abhijit Chaudhari	Mechawarriors		Male	Final Year
Amit Bhuse		Male	Final Year	Mechanical
Ankit Timande		Male	Final Year	Mechanical
Mahesh Bhawarkar		Male	Final Year	Mechanical
Neha Watgule		Female	Final Year	Mechanical
Siddhant Bhagat		Male	Final Year	Mechanical
Darpan Satija		Mechdev	Male	Third Year
Himanshu Titre	Male		Third Year	Mechanical
Pranoti Bhute	Female		Third Year	Mechanical
Prasad Komalwar	Male		Third Year	Mechanical
Raj Mohije	Male		Third Year	Mechanical
Samiksha Tapase	Female		Third Year	Mechanical
Bhavesh Anandpara	Paradox		Male	Second Year
Chanchal Hiwanj		Male	Second Year	Computer
Pranjal Panchawate		Male	Second Year	Computer
Shivam Charde		Male	Second Year	Computer
Vaishnavi Bhende		Female	Second Year	Computer
Vedanti Khode		Female	Second Year	Electrical
Animesh U. Shende		Power Optimizers	Male	Second Year
Astha S. Naware	Female		Second Year	Electrical



Shiksha Mandal's
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List of Members Participated in Internal Hackathon

Name of Student	Team Name	Gender	Year of Study	Branch of Team Member
Chinmay R. Goswami		Male	Third Year	Electrical
Hrishikesh G. Borkar		Male	Third Year	Electrical
Sumedh R. Burse		Male	Third Year	Electrical
Vaishnavi N. Arjun		Female	Third Year	Electrical
Devansh Kaushik	Pragmizers	Male	Second Year	Computer
Harshal Atmaramani		Male	Third Year	Computer
Nikhil Tidke		Male	Third Year	Computer
Sakshi Tapase		Female	Third Year	Computer
Suyash Dahake		Male	Third Year	Electrical
Swati Dhoke		Female	Third Year	Computer
Asif Sheikh	Promoner	Male	Final Year	Mechanical
Harshal Kotewar		Male	Final Year	Mechanical
Shivam Tak		Male	Final Year	Mechanical
Sumedh Rohankar		Male	Final Year	Mechanical
Vaishnavi Kamekar		Female	Third Year	Computer
Viraj Meghe		Male	Final Year	Mechanical
Anukul Kamble	Ravens	Male	Second Year	Electrical
Mrudula Borkar		Female	Second Year	Electrical
Om Kolhe		Male	Second Year	Electrical
Sankalp Bhore		Male	Second Year	Electrical
Shraddha Suryawanshi		Female	Second Year	Electrical
Surbhi Ambade		Female	Second Year	Electrical
Aniket Kadukar	Saviours	Male	Third Year	Civil
Anurag Mude		Male	Third Year	Civil
Dipak Matte		Male	Third Year	Computer
Nikhil Dhage		Male	Third Year	Computer
Rutuja Ghawghawe		Female	Third Year	Computer
Yogesh Bhise		Male	Third Year	Civil
Harshal Nagpure	Solrise	Male	Second Year	Mechanical
Pawan Rangdev Timande		Male	Second Year	Mechanical
Prajakta Daf		Male	Second Year	Mechanical
Sheshnarayan Yadav		Male	Second Year	Mechanical
Swarup Hatwar		Male	Second Year	Mechanical
Yash Nikhade		Male	Second Year	Mechanical
Chinmay Bhat	Stepdevs	Male	Third Year	Computer
Moksh Mishra		Male	Third Year	Computer
Nivedita Deshmukh		Female	Third Year	Computer
Samar Sheikh		Male	Third Year	Computer
Tosh Sanjay Tonpe		Male	Third Year	Computer
Faizan Anis Sayani	Techfreshers	Male	First Year	Computer
Farhan Khan		Male	First Year	Computer
Mohd Inshal Sheikh		Male	First Year	Computer
Riza Shabbir Sayyad		Female	First Year	Computer
Sejal Rajesh Waghmare		Female	First Year	Computer
Sejal Sunil Lambat		Female	First Year	Computer
Janhvi Adekar	Techmech	Female	Third Year	Mechanical
Krunika Narayanrao Bondre		Female	Third Year	Mechanical



List of Members Participated in Internal Hackathon

Name of Student	Team Name	Gender	Year of Study	Branch of Team Member
Roshan Rajendra Duratkar		Male	Third Year	Mechanical
Shubhank Pawar		Male	Third Year	Mechanical
Smruti Vasant Wadibhasme		Female	Third Year	Mechanical
Tejas Sawadh		Male	Third Year	Mechanical
Ashlesha Narse	Techwater	Female	Third Year	Mechanical
Jay Jadhao		Male	Third Year	Mechanical
Parth Kaware		Male	Third Year	Mechanical
Prajwal Bhagwatker		Male	Third Year	Mechanical
Sameer Kohad		Male	Third Year	Mechanical
Shiv Chafle		Male	Third Year	Mechanical
Himanshu Titre		Tenacious	Male	Third Year
Pranav Kawale	Male		Third Year	Mechanical
Prasad Komalwar	Male		Third Year	Mechanical
Rahul Thakare	Male		Third Year	Mechanical
Samiksha Tapase	Female		Third Year	Mechanical
Ved Dagwar	Male		Second Year	Mechanical
Aastha Sudhir Naik	The Brainiacs	Female	Second Year	Computer
Parikshit Harish Shahade		Male	Second Year	Computer
Shreya Girish Chinchmalatpure		Female	Second Year	Computer
Shreya Maroti Raut		Female	Second Year	Computer
Suyash Sunil Patalbansi		Male	Second Year	Computer
Vishnu Arvind Mate		Male	Second Year	Computer
Anukul Kamble	The Warrior Pavers	Male	Second Year	Electrical
Anurag Watore		Male	Second Year	Electrical
Nisarga Thape		Male	Third Year	Mechanical
Radhika Tiwari		Female	Third Year	Civil
Shefali Pawar		Female	Third Year	Civil
Tanmay Muralkar		Male	Third Year	Mechanical
Aamirkhan Pathan	Unloaders	Male	Third Year	Electrical
Kalyani Gawande		Female	Third Year	Electrical
Kunal Ghodmare		Male	Third Year	Electrical
Sakshi Kakde		Female	Third Year	Electrical
Sharvan Andraskar		Male	Third Year	Electrical
Utkarsh Agarkar		Male	Third Year	Electrical
Harsh Verma	Vahan	Male	Third Year	Mechanical
Ketaki Satone		Female	Third Year	Electrical
Nisarga Thape		Male	Third Year	Mechanical
Siddhi Kadam		Female	Third Year	Electrical
Vaishnavi Zade		Female	Second Year	Mechanical
Vikram Potdukhe		Male	Third Year	Mechanical

6. Number of Teams Nominated for National Event:

- Software Edition: 10
- Hardware Edition: 05

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C. Participation in Grand-Finale

1. Number of Teams Shortlisted at National Level after Scrutiny

- Software Edition: 09
- Hardware Edition: 11
- Branch-wise Participation in Shortlisted teams:

Sr. No	Branch	Year	Number of Students
1	Computer	1 st Year	11
		2 nd Year	25
		3 rd Year	09
2	Mechanical	1 st Year	01
		2 nd Year	05
		3 rd Year	14
3	Civil	1 st Year	05
		2 nd Year	05
		3 rd Year	13
4	Electrical	1 st Year	01
		2 nd Year	10
		3 rd Year	21
Total Students			120

2. Number of Winner Teams

- Software Edition: 01
- Hardware Edition: 05 (03 Teams Winner + 02 Teams Joint Winner)

Sr. No	Name of Student/s	Name of Event	Date/s of the Event	Details of Achievement/ Prize etc.
1	Vishnu Arvind Mate	Smart India Hackathon 2020 (Software Edition)	25 th & 26 th August 2022	Winner, 1 st Prize, Rs 1,00,000
2	Shreya Girish Chinchmalatpure			
3	Shreya Maroti Raut			
4	Aastha Sudhir Naik			
5	Suyash Sunil Patalbansi			
6	Parikshit Harish Shahade			
7	Prasad Komalwar	Smart India Hackathon 2020 (Hardware Edition)	25 th & 29 th August 2022	Joint-Winner, 1 st Prize, Rs 1,00,000
8	Himanshu Titre			
9	Samiksha Tapase			
10	Pranav Kawale			
11	Rahul Thakre			
12	Ved Dagwar	Smart India Hackathon 2020 (Hardware Edition)	25 th & 29 th August 2022	Joint-Winner, 1 st Prize, Rs 1,00,000
13	Pratik Watmode			
14	Rohit Charde			
15	Mayur Mude			
16	Ayush Ugemuge			
17	Pravin Mohad			
18	Purva Wanjare	Smart India Hackathon 2020	25 th & 29 th	Winner, 1 st Prize, Rs 1,00,000
19	Mrudula Borkar			
20	Surbhi Ambade			



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21	Radha Kalantri	(Hardware Edition)	August 2022	
22	Shraddha Suryawanshi			
23	Sankalp Bhore			
24	Om Kolhe			
25	Tanay Nakhale	Smart India Hackathon 2020 (Hardware Edition)	25 th & 29 th August 2022	Winner, 1 st Prize, Rs 1,00,000
26	Tanushree Chore			
27	Mahesh Lanjewar			
28	Mayuri Ugemuge			
29	Kishita Dhale			
30	Suyash Dahake.	Smart India Hackathon 2020 (Hardware Edition)	25 th & 29 th August 2022	Winner, 2 nd Runner-Up Prize, Rs 50,000/-
31	Chinmay R. Goswami			
32	Sumedh R. Burse			
33	Hrishikesh G. Borkar			
34	Vaishnavi N. Arjun			
35	Animesh U. Shende			



Winners Felicitation @ Nodal Center



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Date: 25/11/2022

SR. NO.	MINISTRY / INDUSTRY	PS ID	TEAM NAME	TEAM LEADER & TEAM MEMBERS	BRANCH	Mentors
13	Department of Science & Technology (DoST), Ministry of Science and Technology.	DA1069	Care Lifters	Pratik V Watmode	3 rd Year Mechanical	Dr. Pawan Chandak Dr. Deepak Bhope
14				Rohit L Charde	3 rd Year Mechanical	
15				Mayur V Mude	3 rd Year Mechanical	
16				Ayush R Ugemuge	3 rd Year Mechanical	
17				Pravin P Mohad	3 rd Year Mechanical	
18				Purva A Wanjare	3 rd Year Civil	
19	AICTE, MIC-Student Innovation	SM961	Ausories	Tanay Nakhale	3 rd Year Electrical	Dr. Harshit Dalvi Dr. Vijay Deshmukh
20				Tanushree Chore	3 rd Year Electrical	
21				Mahesh Lanjewar	3 rd Year Electrical	
22				Mayuri Ugemuge	3 rd Year Electrical	
23				Kishita Dhale	3 rd Year Electrical	
24				Suyash Dahake	3 rd Year Electrical	
25	AICTE, MIC-Student Innovation	SM961	Power Optimizers	Chinmay Goswami	3 rd Year Electrical	Dr. Partha Sarathi Subudhi Srujana Raghupatruni
26				Sumedh Burse	3 rd Year Electrical	
27				Hrishikesh Borkar	3 rd Year Electrical	
28				Vaishnavi Arjun	3 rd Year Electrical	
29				Animesh Shende	2 nd Year Electrical	
30				Astha Naware	2 nd Year Electrical	
31	Volvo	SK1206	Go-Mech	Sakshi Waghmare	3 rd Year Mechanical	Sameer Muley Dr. Nikhil Sohoni
32				Sarvesh Malode	3 rd Year Mechanical	
33				Swarup Hatwar	2 nd Year Mechanical	
34				Pawan Timande	2 nd Year Mechanical	
35				Parth Dubey	2 nd Year Mechanical	
36				Ujwal Sahare	2 nd Year Mechanical	
37	Ministry of Housing and Urban Affairs	BV810	TEAM KAVACH	Radhika Tiwari	3 rd Year Civil	Dr. Pratheek Kulkarni
38				Shefali Pawar	3 rd Year Civil	
39				Tanmay Muralkar	3 rd Year Mechanical	
40				Nisarga Thape	3 rd Year Mechanical	
41				Anukul Kamble	2 nd Year Electrical	
42				Anurag Watare	2 nd Year Electrical	
43	NIFTEM Thanjavur ,Ministry of Food Processing Industries (MoFPI)	MA1218	Ravens	Mrudula Borkar	2 nd Year Electrical	Anirudha S. Marothiya
44				Surbhi Ambade	2 nd Year Electrical	
45				Radha Kalantri	2 nd Year Electrical	
46				Shraddha Suryawanshi	2 nd Year Electrical	
47				Om Kolhe	2 nd Year Electrical	
48				Sankalp Bhore	2 nd Year Electrical	
49	Department of Science & Technology (DoST), Ministry of Science and Technology.	DA1069	Team Tenacious	Prasad Komalwar	3 rd Year Mechanical	Sameer Muley Dr. Nikhil Sohoni
50				Himanshu Titre	3 rd Year Mechanical	
51				Samiksha Tapase	3 rd Year Mechanical	
52				Rahul Thakre	3 rd Year Mechanical	
53				Pranav Kawale	3 rd Year Mechanical	
54				Ved Dagwar	2 nd Year Mechanical	
Software Edition						
55	Department of School Education & Literacy (DoSEL), Ministry of Education.	RK789	The Brainiacs	Vishnu Mate	2 nd Year Computer	Dr. J. B. Chakole Urvashi Pote
56				Shreya Chichmalatpure	2 nd Year Computer	
57				Shreya Raut	2 nd Year Computer	
58				Aastha Naik	2 nd Year Computer	
59				Parikshit Shahade	2 nd Year Computer	
60				Suyash Patalbansi	2 nd Year Computer	
61	ICCR	RK796	Team culture	Anujkumar Yadav	2 nd Year Computer	Sandesh Jain Amol Jumde
62				Prem Mungle	2 nd Year Computer	
63				Neha chopade	2 nd Year Computer	
64				Aditya Jha	2 nd Year Computer	
65				Vaishnavi Jayade	2 nd Year Computer	
66				Harsh Kushwaha	2 nd Year Computer	
67	Department of Sports (DoS), Ministry of Youth Affairs & Sports.	AK1110	Team Code-X	Harshali G Raut	2 nd Year Computer	Abhishek Kinhekar Urvashi Pote
68				Purva Dhopade	2 nd Year Computer	
69				Ashwini Ukhalkar	2 nd Year Computer	
70				Ganesh Golhar	2 nd Year Computer	
71				Yash Wadatkar	2 nd Year Computer	
72				Mahesh Rohane	2 nd Year Computer	
73	Department of Space, Indian Space Research Organisation (ISRO).	SS597	Salvador	Rutuja Ghawghawe	3 rd Year Computer	Arpit Sharma Amol Jumde
74				Vaishnavi Kamekar	3 rd Year Computer	
75				Dipak Matte	3 rd Year Computer	
76				Anurag Mude	3 rd Year Civil	
77				Yogesh Bhise	3 rd Year Civil	
78				Aniket Kadukar	3 rd Year Civil	
79	eCourts,	AK1211	Apocalypse	Dwij Naranje	1 st Year Computer	Abhishek Kinhekar



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SR. NO.	MINISTRY / INDUSTRY	PS ID	TEAM NAME	TEAM LEADER & TEAM MEMBERS	BRANCH	Mentors
80	Department of Justice, Ministry of Law & Justice			Chinmay Telrandhe	1 st Year Computer	
81				Chinmay Kulte	1 st Year Computer	
82				Pranjali Saboo	1 st Year Computer	
83				Mrudula Pangul	1 st Year Computer	
84				Avantika Barudwale	1 st Year Computer	
85	India Meteorological Department (IMD), Ministry of Earth Sciences (MoES).	GR818	Team Dyunetra	Yashwardhan Katkamwar	1 st Year Computer	Dr. Manish Pasarkar Sandesh Jain
86				Piyushi Labhe	1 st Year Computer	
87				Pranav Tiwari	1 st Year Computer	
88				Renuka Joshi	1 st Year Computer	
89				Shantanu Rodke	1 st Year Computer	
90				Saloni Mishra	1 st Year Electrical	
91	National Institute of Design Madhya Pradesh	ST892	Team Unloaders	Shravan Andraskar	3 rd Year Electrical	Dr. Kantilal Joshi Kishore Upadhyay
92				Kunal Ghodmare	3 rd Year Electrical	
93				Kalyani Gawande	3 rd Year Electrical	
94				Aamirkhan Pathan	3 rd Year Electrical	
95				Sakshi Kakde	3 rd Year Electrical	
96				Utkarsh Agarkar	3 rd Year Electrical	
97	Ministry of Rural Development	SH1001	Team BIT KNIGHTS	Parikshit Satibawane	2 nd Year Computer	Sandesh Jain
98				Anurag Thakur	2 nd Year Computer	
99				Prathamesh Pahune	2 nd Year Computer	
100				Amit Jibhkate	2 nd Year Computer	
101				Shantanu Potdar	2 nd Year Computer	
102				Nikita Masane	2 nd Year Computer	
103	University Grants Commission (UGC).	VS930	TEAM BITBYTES	Tanushree Dhongale	3 rd Year Computer	Sandesh Jain
104				Ishika Mude	3 rd Year Computer	
105				Akansha Petkar	3 rd Year Computer	
106				Riya Meshram	3 rd Year Computer	
107				Shruti Kakhe	3 rd Year Computer	
108				Sanjivani Bhongade	3 rd Year Computer	
109	Ministry of Housing and Urban Affairs	BV802	Flood brigade	Pranav Navghare	3 rd Year Civil	Arpit Sharma Dr. Vikas Thakur
110				Siddhant Gupta	2 nd Year Civil	
111				Siddhi Mahalle	2 nd Year Civil	
112				Pruthak Kadu	2 nd Year Civil	
113				Sanket Panbude	2 nd Year Civil	
114				Vaishnavi Sayankar	2 nd Year Civil	
115	National Disaster Response Force (NDRF).	GS903	FLOOD FORECASTERS	Pratiksha Bawane	3 rd Year Civil	Arpit Sharma Dr. Pravin Rathod
116				Aniket Somnath	3 rd Year Civil	
117				Shahid Dunge	3 rd Year Civil	
118				Sanket Urkude	3 rd Year Civil	
119				Vinay Shende	3 rd Year Civil	
120				Pratik Tekade	3 rd Year Civil	

5. Teams & Nodal Centers

Sr. No.	Name of Team	Team Leader	Nodal Center	State	City	Problem Statement Provider
Software Edition						
1	28572 - Salvador	Rutuja Ghawghawe	Gujarat Technological University	Gujarat	Ahmedabad	Department of Space, Indian Space Research Organisation (ISRO).
2	30745 - Team Dyunetra	Yashwardhan Katkamwar	Chandigarh Engineering college-CGC	Punjab	Landran, Mohali	India Meteorological Department (IMD), Ministry of Earth Sciences (MoES).
3	29632 - Team Culture	Anuj Yadav	Hindusthan Institute of Technology, Coimbatore	Tamil Nadu	Coimbatore	ICCR
4	31403 - Team Unloaders	SHRAVAN VIJAY ANDRASKAR	IIT KANPUR	Uttar Pradesh	KANPUR	National Institute of Design Madhya Pradesh
5	28027 - The Brainiacs	Vishnu Mate	JSS TECHNOLOGICAL UNIVERSITY	Karnataka	Mysore	Department of School Education & Literacy (DoSEL), Ministry of Education.
6	28556 - FLOOD FORECASTERS	VINAY JIVAN SHENDE	Karnavati University	Gujarat	Gandhinagar	National Disaster Response Force (NDRF).

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7	31218 - TEAM BITBYTES	Tanushree Dhongale	KPR Institute of Engineering and Technology	Tamil Nadu	Coimbatore	University Grants Commission (UGC).
8	28505 - Flood Brigade	Pranay Navghare	Manipal University Jaipur	Rajasthan	Jaipur	Ministry of Housing and Urban Affairs
9	31708 - Team BITKNIGHTS	Parikshit Nilkanth Satibavane	SAGE University Indore	Madhya Pradesh	Indore	Ministry of Rural Development
10	Team Code-X	Harshali Raut	SCMS School of Technology and Management	Kerala	Ernakulam	Department of Sports (DoS), Ministry of Youth Affairs & Sports.
11	30594 - Apocalypse	Dwij Naranje	Sikkim Manipal Institute of Technology	Sikkim	RANGPO	eCourts, Department of Justice, Ministry of Law & Justice
Hardware Edition						
1	29591 - AyuCare	MANSI KISHOR TIKHILE	Amal Jyothi College of Engineering	Kerala	Kanjirapally	Ministry of Ayurveda, Yoga, Naturopathy, Unani, Siddha, Sowa-Rigpa and Homoeopathy (AYUSH).
2	27647 - CARE LIFTERS	PRATIK VIJAYRAO WATMODE	B. S. Abdur Rahman Crescent Institute of Science & Technology	Tamil Nadu	Chennai	Department of Science & Technology (DoST), Ministry of Science and Technology.
3	28045 - Team Tenacious	PRASAD KOMALWAR	B. S. Abdur Rahman Crescent Institute of Science & Technology	Tamil Nadu	Chennai	Department of Science & Technology (DoST), Ministry of Science and Technology.
4	20197 - Ausories	TANAY MUNNAJI NAKHALE	Bhilai Institute of Technology	Chhattisgarh	Durg	AICTE, MIC-Student Innovation
5	19294 - Power Optimizers	CHINMAY R. GOSWAMI	Bhilai Institute of Technology	Chhattisgarh	Durg	AICTE, MIC-Student Innovation
6	27688 - BIT Drone Humaze	KHUSHI GAJANAN DEULKAR	JAIN (Deemed-to-be University) Faculty of Engineering and Technology	Karnataka	Bengaluru	Defence Research and Development Organisation (DRDO), Ministry of Defence.
7	27640 - Go-Mech	SAKSHI WAGHMARE	JAIN (Deemed-to-be University) Faculty of Engineering and Technology	Karnataka	Bengaluru	Volvo
8	27982 - Ravens	MRUDULA RAJESH BORKAR	Kalasalingam Academy of Research and Education	Tamil Nadu	Srivilliputtur	NIFTEM Thanjavur ,Ministry of Food Processing Industries (MoFPI)
9	27408 - Team KAVACH	RADHIKA TIWARI	Arya Institute of Engineering and Technology	Rajasthan	Jaipur	Ministry of Housing and Urban Affairs



6. Participating students at Nodal Centers





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7. Certificates:
a) Winners:



b) Participants





c) SPOC Certificate:



Sandesh Jain,
SPOC, SIH 2022

Copy to:

1. Hon'ble Principal, for kind information
2. All HoD's, for kind information.



Shiksha Mandal's

BAJAJ INSTITUTE OF TECHNOLOGY, PIPRI, WARDHA

**Financial Assistance to Students from Ministry
of Education for Innovation, Research,
Incubation & Startup**



Students Participation and Achievement
In

**Students of Mechanical Engineering Received Financial Support
of Rs 3 Lakhs for Incubation**

Project Title	Name of Students	Name of Mentor	Achievement
Innovative LPG Burner Head	1. Harshal Kottewar 2. Asif Sheikh 3. Sumed Rohankar 4. Kartik Dubey	Dr. Pawan Chandak	Received Fund of Rs. 3 Lakhs for Incubation from MoE & AICTE

Abstract:

After winning the competition NIC-2020 the project was further invited for funding assistance support for incubation. Here students had a choice to choose new team in view of startup registration. As a result some students withdrawn their interest in incubating the idea and a new team is framed out. This team successfully projected need of innovation development, scope of the market and need of the incubation support.



Team Members



Achievement:

The project was further invited to present the Idea in innovation ambassador programme of Ministry of Education. The team was amongst Top 4 who received this invitation. In addition his team received financial support of Rs 3 Lakhs for Incubation amongst Top 45 teams all over India.





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List of Projects Selected for Incubation:



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	Tamil Nadu


Dr. Pawan Chandak



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 debit 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.