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MET Bhujbal Knowledge City

Institute of Engineering

Ref.: MET/BKC/IOE/Ph.D./Mech/2024/ 464

Date: 05/08/2024 - 16/08/2024

To,
The Deputy Registrar (Academic Section),
Savitribai Phule Pune University,
Ganeshkhind,
Pune - 411 007.

शैक्षणिक विभाग (संलग्नता कक्ष)
सावित्रीबाई फुले पुणे विद्यापीठ,
(पूर्वीचे पुणे विद्यापीठ)
दिनांक 16/8/24
स्वाक्षरी. *mg*

Subject: Regarding submission of six monthly Progress Report from Research Centre of
Mechanical Engineering

Dear Sir,

Greetings from MET's Institute of Engineering, Bhujbal Knowledge City, Nashik.

With reference to the above mentioned subject, please find the attachment regarding Progress Report of Research Centre during the period **Jan-2024 to June-2024** from the Research Centre of Mechanical Engineering, MET's Institute of Engineering, Bhujbal Knowledge City, Nashik.

This is for your kind information.

Sincerely,

mg
Dr. V. P. Wani

Principal

Principal

MET's Institute of Engineering,
Bhujbal Knowledge City
At. Adgaon, Tal. & Dist : Nashik-3

Encl.:

1. Progress Report



Adgaon, Nashik - 422 003

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MET Bhujbal Knowledge City

Institute of Engineering

Name of Research Centre : MET's Institute of Engineering, Bhujbal Knowledge City, Nashik

Year of Establishment : 2014

Subject : Mechanical Engineering

No. of Associated Supervisors : 07

No. of registered Candidates : 25

Candidates awarded Ph.D. : 04

1. 28/08/2019- Harshal A. Chavan (Supervisor: Dr. V. P. Wani)
2. 28/08/2019- Shubham R. Suryawanshi (Supervisor: Dr. J. T. Pattiwar)
3. 28/04/2023- Tushar Y. Badgujar (Supervisor: Dr. V. P. Wani)
4. 22/08/2023- Raghavendra R. Barshikar (Supervisor: Dr. P. R. Baviskar)

Progress Report Period January-2024 to June-2024

Progress Report/RRC/Synopsis/Viva-voce Presentations:

1. 07/03/2024: Revised brief presentation (RRC) on research topic held with Research Advisory Committee-
 - Mr. Darshan D. Kulkarni (Supervisor: Dr. A. B. Kakade)
2. 29/04/2024: Following Progress Presentations held with Research Advisory Committee-
 - Mr. Sharad K. Nirgude (Supervisor: Dr. S. D. Kalpande)
 - Mr. Vaibhav E. Kothawade (Supervisor: Dr. V. P. Wani)
 - Mr. Ashwin D. Patil (Supervisor: Dr. S. D. Kalpande)
 - Mr. Amol Vadnere (Supervisor: Dr. S. D. Kalpande)
 - Mr. Vishal P. Chaudhari (Supervisor: Dr. S. D. Kalpande)
3. 30/04/2024: Following Progress Presentations held with Research Advisory Committee-
 - Mr. Sharad K. Nirgude (Supervisor: Dr. S. D. Kalpande)
 - Mr. Vaibhav E. Kothawade (Supervisor: Dr. V. P. Wani)
 - Mr. Ashwin D. Patil (Supervisor: Dr. S. D. Kalpande)
 - Mr. Amol Vadnere (Supervisor: Dr. S. D. Kalpande)
 - Mr. Vishal P. Chaudhari (Supervisor: Dr. S. D. Kalpande)

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4. 03/05/2024: Following Progress Presentations held with Research Advisory Committee-
 - Mr. Dinesh P. Panchve (Supervisor: Dr. M. P. Ray)
 - Mr. Rajendra J. Pawar (Supervisor: Dr. M. P. Ray)
5. 06/05/2024: Following Progress Presentations held with Research Advisory Committee-
 - Mr. Dinesh P. Panchve (Supervisor: Dr. M. P. Ray)
 - Mr. Rajendra J. Pawar (Supervisor: Dr. M. P. Ray)
 - Mr. Nitin B. Ahire (Supervisor: Dr. D. D. Deshmukh)
6. 07/05/2024: Following Progress Presentations held with Research Advisory Committee-
 - Mr. Sharad Bodke (Supervisor: Dr. G. N. Shelke)
 - Mr. Tushar D. Patil (Supervisor: Dr. G. N. Shelke)
 - Mr. Vishwas Palve (Supervisor: Dr. G. N. Shelke)
7. 08/05/2024: Following Progress Presentations held with Research Advisory Committee-
 - Mr. Tushar D. Patil (Supervisor: Dr. G. N. Shelke)
 - Mr. Vishwas Palve (Supervisor: Dr. G. N. Shelke)

Publications:

1. S. K. Nirgude and S. D. Kalpande, Optimization of ultrasonic assisted friction stir welding (UAFSW) of electrical grade AA 6101T-64 and Cu, *International Journal on Interactive Design and Manufacturing*, 18(3), pp. 1665–1685, 2024.
2. Shekokar, S.R., Chavan, H.A., Investigation in the Influence of the Composition of Metal Ferrite Based Composites on the Dielectric Constant Through Response Surface Methodology. *J. Inst. Eng. India Ser. D* (2024). <https://doi.org/10.1007/s40033-024-00766-w>
3. Vishal Pramod Chaudhari, S. D. Kalpande, Presented paper in 2nd International Conference on Advances in Technology and Management (ICATM-2024) which was held on April 5-6, 2024, organised by A. C. Patil College of Engineering Kharghar, Navi Mumbai India.
4. Vishal Dhore, Lalit Toke, Overview of gravity die casting process parameters affecting product quality, *Recent Advances in Material, Manufacturing, and Machine Learning: Proceedings of 2nd International Conference, Nagpur, 2023*.

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Workshop/Training/FDP:


1. Vishwas Mahadeo Palve UGC mandated two credit Course in Research and publication ethics by the Centre for Publication Ethics ,26th December 2023 to 25th January 2024
2. Nilesh Sitaram Gaikwad STTP on Advances in Material Processing & Design organized by SVNIT, Surat during 13-17 May 2024
3. Ravindra Mahadeo Ghogare STTP on Electric Vehicles, Padm. Dr. V. B. Kolte, COE, Malkapur, from 22/01/2024 to 27/01/2024
4. Vishal Pramod Chaudhari STTP on "Multiple attribute Decision making and its Industrial Application" at SVNIT Surat 15-19 June held at 2024
5. Santosh Rama Shekokar National Level Workshop on research Methodology Esgee Skills, 30 Oct 23-21 Nov-23
6. Santosh Rama Shekokar International Workshop on Data Visualization and analysis with Minitab -Hands on Research Training Institute Tamilnadu
7. Santosh Rama Shekokar FDP on Research Paper writing, Organized By B.K.Birla Pilani Rajasthan, Duration 25 Nov-2 Dec 23
8. Nirgude Sharad Kisan One Day Workshop on New Education Policy 2020, Sanjivani College of Engineering, Kopargaon, Maharashtra, India.
9. Dipak Janardan Choudhari Research Funding, Publications, and IPR: A Journey from Fundamentals to Advanced Methodologies" at D J Sanghavi College of Engg Andheri
10. Vishal Jagannath Dhore Two Credit Course in Research and Publication Ethics (SPPU) (26 Dec. 2023 to 25 Jan 2024)

Admission 2024-25:

Vacancies by Research Supervisors are declared.




Dr. S. R. Suryawanshi
Ph.D. Co-ordinator


Dr. S. D. Kalpande
H.O.D.


Dr. V. P. Wani
Principal

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