Application Acknowledgment

Date: 28/10/2023

Dear Basavaraj Anami,
Thank you for using ServicePlus.
Your application for Public Funded Research Institute (PFRI) Registration has been successfully submitted to Department of Scientific and Industrial Research(CENTRE), Central.

Application Summary

Application Reference Number is PFRI/2023/00021

The service will be delivered on or before 13/04/2024.

List of Enclosures with Application

Service Designated Officer:
Name: SurinderPal Singh
Address: DSIR,,
Email: surinder.singh66@gov.in
Phone No.:

Regards
ServicePlus

1. Registration
Whether the application is for : Renewal of Recognition
i) Recognition Number (in case of renewal) : TU/V/RG-CDE(1287)/2020

2. Institute Details
2.1 Name of the Institution : KLE Technological University
Address Line 1 : B V Bhoomaraddi campus
Address Line 2 : vidyanagar
Address Line 3 :

India
Country : India
State : KARNATAKA
District : DHARWAD
Postal / Zip Code : 580031
2.3 Mobile Number : 9880802647
2.4 E-Mail : registrar@kletech.ac.in

3. Legal Status
3.1 Legal status of the Institution : State Private University
3.2 Enclose copy of the Act , amended MOA or relevant notification : view
3.3 Upload Gazette notification/ relevant notification to establish legal status . : view
3.4 Upload UGC notification : view

4. Contact Details
4.1 Name : Dr. Basavaraj Anami
4.2 Designation : Registrar
4.3 Name : Dr. Uma Mudengudi
4.4 Address Line 1 : BVB Campus
Address Line 2 : Vidyanagar
Country : India
State : KARNATAKA
District : DHARWAD
Postal / Zip Code : 580031
4.5 Mobile Number : 9880802647
4.6 E-Mail : registrar@kletech.ac.in

5. Research Area
5.1 Broad Areas of Research & major Research Programs :

KLETECH wishes to emerge as a research-intensive University in the next decade, we intend to build a strong research culture that continues to push the boundaries of innovation and discovery. All the Schools/departments and interdisciplinary centres drive cutting-edge research through academic programs, sponsored projects, and collaborations with industry and academic institutions of high repute.

Research Broad Areas: KLETECH has established 7-STAR-Labs (Science & Technology Advanced Research Centres). The centres drive internationally competitive, leading-edge, high-impact, collaborative research in strategic areas to propel the university to Preeminent research-intensive university status by 2030.

Details of Research Broad Areas (Through Star-Labs) are given below;
Centre of Excellence in Material Science (CEMS) Centre of Excellence in Visual Intelligence (CEVI): Centre of Excellence in Energy and Environment (CEEE): Centre of Intelligent Mobility (CIM) Electric Vehicle Innovation Centre (EVIC Center for AI Research (CAIR) Centre for Automation and Robotics Research (CARR):

Research Programs: The KLE Technological University offers a variety of master' and doctoral programs within each of the school/departments. The research students will have the opportunity to work closely with faculty across other schools, research groups, and research centers. Supervised by leading experts and working with talented peers, a Ph.D. or master's by research leads to a rewarding career in academia or other professional fields. Research Experience for Undergraduate (REU): The Research Experiences for Undergraduates (REU) course aims to give the students immersive research experience by engaging them in meaningful ways in ongoing research programs Institute Research Projects (IRP): University funds and supports faculty-led long-term research projects that work on emerging technologies. Ph.D. and MS by Research programs: KLE TECH has 14 research centers with 118doctoral faculty guide

5.2 Enclose copy of the latest annual report :

view
5.2.1 Enclose copy of latest financial statement/ annual account of organization for (R&D/ education)/ sanction letters from the funding agency) :

view
6. Research Advisory Committee6.1 Composition of Research Advisory Committee
Enclose copy of the minutes of the most recent meeting :

view

S.No	Name	Designation	Internal / External	Organisation	E-Mail	Mobile Number
1	Dr.Uma K.Mudenagudi	Dean R & D	Internal	KLE Technological University	uma@kletech.ac.in	9343392667
2	Dr. Mahadeva Prasanna	Professor	External	IIT Dharwad	prassanna@iiitdwd.ac.in	9954008138

3	Dr. Deepak	Asst Professor	External	IIIT Dharwad	deepak@iiitdwd.ac.in	9900456936
4	Dr. Rajashekhar Bhajantri	Professor	External	KUD	rfbhajantri@gmail.com	9448623319
5	Dr.Basavaraj Anami	Principal	Internal	KLE Technological University	registrar@kletech.ac.in	9880802647
6	Dr. P. G. Tewari	Dean Academics	Internal	KLE Technological University	pg_tewari@kletech.ac.in	9845903330
7	Dr. B. B. Kotturshettar	Dean Planning & Development	Internal	KLE Technological University	bbkshettar@kletech.ac.in	9243282898
8	Dr. Ravi R Guttal	Director Center for Innovation and Product Development	Internal	KLE Technological University	ravi_g@kletech.ac.in	
9	Dr. P S Hiremath	Professor	Internal	KLE Technological University	pshiremath@kletech.ac.in	9480226698
10	Dr. Shrinivas D Desai	Professor	Internal	KLE Technological University	sd_desai@kletech.ac.in	9845275066
11	Dr. N H Ayachit	Registrar	Internal	KLE Technological University	ayachit@kletech.ac.in	9986249987

7. R and D Programs
7.1 Details of R&D Programmes/ Projects (Ongoing)

Upload details of Ongoing Projects :

view

7.2 Details of Proposed R&D work (for the next three years)

S.No	Title and Scope of the R&D Project	Year in which started	Capital (in Lakhs)	Recurring (in Lakhs)	Total (in Lakhs)	Sponsoring Agency

1	Digital Poompuhar: Underwater IP and 3D Reconstruction	2019	15.00	47.66	62.66	DST/ICPS/Digital Poompuhar2017 (General)
2	Crowd sourcing Framework for digital Archiving &presentation of cultural heritage	2019	15.00	41.34	56.34	DST/ICPS-IHDS-2018(General)
3	Establishment & setting up of MSME -IPFC	2019	25.7	51.19	76.89	MSME
4	Nutritional Profile and Metagenomics Insights of Microbial Diversity of Nuchhu Ambli- a millet-based traditional Fermented Food of North Karnataka.	2019	13.50	1.50	15.00	VGST
5	V-vaidya: Visual Intelligence based analysis of histopathology data towards the detection of oral cancer	2020	20.00	0	20.00	VGST K-FIST L2
6	Exploring the interactions of envelope and NSS proteins of Kyasanur forest disease virus with existing and novel drugs using molecular modelling approach	2020	2.7	0.30	3.00	VGST
7	Development of herbal formulation/active metabolites from plant source as anticancer agent.	2021	0	6.0	6.00	Institutions Innovation Council AICTE
8	SEED Lab	2020	83.96	0	83.96	SAMSUMG
9	SEED Lab	2020	31.31	0	31.31	SAMSUMG
10	Speech Database resources for speaker recognition	2021	2.71	19.52	22.23	MEITY

Upload details of Proposed R&D work (for the next 3 years) :

view

S.No	Title and Scope of the Project proposed	Duration of the Project (in months)	Capital (in Lakhs)	Recurring (in Lakhs)	Total (in Lakhs)	List of specialised equipment required to be purchased and indicate thier cost	Remarks
1	e Krushi Precision Agriculture	36	0	1568600	1568600.00	NIL	-
2	Development of Cobots integrated with Autonomous Mobile Robots (AMRs) for automation of warehousing logistics and delivery planning	12	720000	0	720000.00	NIL	-
3	Bio-chemically synthesized nanomaterials for the detection and degradation of pesticides	24	1732190	1732190	3464380.00	NIL	-
4	Project Development of a Design Framework to Practice Nature Inspired Design for Product Innovation	12	230000	322000	552000.00	NIL	-
5	Microbial Electrosynthesis based production of ethylene from	36	2000000	2601040	4601040.00	NIL	-

	the valorization of food and processing waste						
6	Design and development of multi mobile robot path planning and navigation system Framework	12	1000000	100000	1100000.00	NIL	-
7	MATOMAC :Development of LPWAN ASIC/SoC	36	0	50000000	50000000.00	NIL	-
8	Green synthesis of nanoparticles in developing electronalytical sensors for pharmaceutical and biomedical applications	12	240000	60000	300000.00	NIL	-
9	Research changes and Application in Visual Intelligence	12	0	300000	300000.00	NIL	-
10	Meity-Qcal-QSDL-Diabetic Retinopathy	24	0	1588000	1588000.00	NIL	-

8. Staff Engaged in Research 8.1 Staff Details

Enclose total list of scientific personnel / faculty (department wise , total no.) working in the Institution , engaged in research activities along with their designation , qualifications) :

view

No. of Scientific Staff	No. of Technical staff	No. of Administrative staff	Total No.
261	71	18	350

9. Infrastructure 9.1 Details of Infrastructure available for research

9.2 Enclose list of equipment and facilities available with the Institution for undertaking research activities :

view

S.No	Equipment Name	Cost of Equipment (in Lakhs)
1	Civil - Autodesk Utility	600000
2	CMS- ceramic 3D printer	530400
3	"SAS-Electrochemical workstation"	1189500
4	CIM - Qcar - self driving Car research studio	7271000
5	Electric Drives Lab	813520
6	dSPACE ADAS HIL – Hardware	7857617
7	Electriv Vehicle Support Machine	5825000
8	Center of Excellence in Visual Intelligence (CEVI) lab	4894120
9	ANSYS Academic multiphysics campus solution - SME	2350000
10	ESDM Lab at HEX, KLE - CTIE	2086058
11	Altair Hyperworks	2071823
12	Distributed deep learning for Healthcare	1947219
13	Bionic Research Group	1935404
14	Electric Vehicle Lab - EEE	1785000
15	Fluid mechanics laboratory (MODROB)	1609105
16	WorkStations - 2	1520000
17	Private Cloud Setup	1333500
18	Long computing server/workstation	1300000
19	Advanced Science - COD-Measurement Set-Up	1208506

10. Sources of Funding Sources of Funding

Enclose the statement of receipts & recurring expenditure of the Institution along with sample copies of last sanction orders issued by the concerned Government Department for release of grants for non-plan recurring expenditure of the Institution and a letter from the concerned central/state/UT Govt. Department regarding the commitment to meet atleast 50% of the recurring expenses of the Institution. :

view

Sources of funding to the Institution	Name of Agency	Amount sanctioned (Financial Year 1)	Amount sanctioned (Financial Year 2)
i) Central	AICTE, MeiTy, SERB, TIH etc	59358480	4958000
ii) State	VGST, IT & BT GOK etc	300000	1500000
iii) UT Government	0	0	0
iv) Self-Financed	KLETECH	61500000	39972000
v) Any Other	NGO, Corporates etc	2372000	2731000

11. R and D Budget 11.1 Annual Budget for research for last two years (in Rs. Lakhs)

Year	Capital (R&D)	Revenue (R&D)	Total (R&D)	Total Budget of the Institution / university
2022	18192000	21780000	39972000.00	960333000
2021	10003000	23246000	33249000.00	804834000

11.2 State whether the Budget includes staff salaries :

Yes

12. R and D Infrastructure

12.1 Average yearly import / domestic purchases of goods for R&D (in Rs. Lakhs) :

800.00

12.2 Enclose copies of half-yearly returns of import / domestic purchases from the date of last registration :

view

13. Publication

13.1 Number of papers published during last two years :

1182

13.2 Enclose list of publications of last 3 years , their authors , journals/journal pages and the year in which they were published along with the copy of selected research papers with high Imapct Factor :

view

14. Patent(a) Indian
Upload Patents :

view
(b) Foreign

No. of Patent Filed	No. of Patent Granted
63	32
No. of Patent Filed	No. of Patent Granted
0	0

15. Awards / Linkage with Industry 15. (a) Awards and any other Recognitions won by the Institution

S.No	Details of Award achievements
1	Karnataka Rajyotsava Award 2020, GOK
2	Leadership of Teaching and learning Centre, IUCEE
3	IUCEE Faculty Fellow and Outstanding Engineering Educator Award
4	Dr. Veena kumar Distinguished Engineering Educator, IUCEE
5	Outstanding Reviewer, Elsevier
6	Motorola Scholar Award
7	International Engineering Educator, IGIP & IUCEE
8	Dr. Raja Ramanna Award for Scientist
8	Sir C.V. Raman Award for Scientist

15. (b) Linkage with Industry

S.No	Linkage with Industry	Type of Linkage
1	Samsung India	Research & Academics
2	L & T Services	Academic
3	Dassault Foundation	Research

4	Bosch Global Services	Academic
5	Nvidia	Academics
6	Aequs	Academics

16. Any Other Information

Any other information you may like to provide :

More information on: https://www.kletech.ac.in/research-innovation/research

17. Declaration

I Agree :

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Signature :

Please upload coloured scan of above undertaking (ink -signed by the PI and Head / Chief Executive of Organisation / Institution) on the Letter Head of the Organisation. :

view
Name :Dr. Basavaraj S Anami
Designation :Registrar
E-Mail :registrar@kletech.ac.in
Mobile Number : 9880802647
Telephone(s) : 0836-2378150
Date & Time : 28/10/2023 11:59 AM

Additional Details

Apply to the Office

Department of Scientific and Industrial Research(CENTRE)