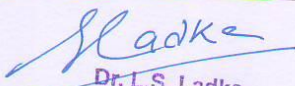
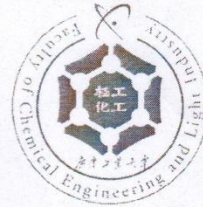


3.5.1 The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, on-the-job training, research etc during the year.

Sr. no	Title of the collaborative activity	Name of the collaborating/linking agency with contact details	Name of the participant	Year of the collaboration	Duration	Nature of the activity	Link to the relevant document
1	Research Collaborations in the Field of Luminescence	School of Chemical engineering and Light industry Guangdong University of Technology Panyu Campus, Guangzhou 510006, China	Dr. Kartik N. Shinde	2014	2014 and onwards	Research	
2	Research Collaborations on nano Technology	Federal University of Petroleum Resources, Effurun P.M.B 1221, Delta State, Nigeria	Dr. Kartik N. Shinde	2021	2021 and onwards	Research	


Dr. L.S. Ladke
 PRINCIPAL
 N.S. Science & Arts College
 Bhadrawati, Dist-Chandrapur

School of Chemical engineering and Light industry
Guangdong University of Technology
Panyu Campus, Guangzhou 510006, China



To,

Dr. Kartik N. Shinde (Assistant professor and Director of R&D cell)
N. S. Science and Arts College,
Bhadrawati, Dist: Chandrapur- 442902, India

Subject: Extension of Mutual Research Corporation Between our Departments

Dear Dr. Kartik N. Shinde

I am very happy to inform you about an extension of our research collaboration. We already had published several papers in collaboration for example, "Shinde, K. N., et al. (2014), Photoluminescence properties of $(\text{Sr}_{1-x}\text{Ca}_x)_{1-y}\text{ZrO}_3:\text{yEu}^{3+}$ phosphors for near-ultraviolet excited LEDs." and "Shinde, K. N., et al. (2014). "Impact of temperature on $\text{Na}_2\text{Sr}(\text{PO}_4)\text{F}:\text{Eu}^{3+}$ phosphor." *Luminescence* 29(4): 352-356". Previously, I collaborated with an affiliation "Faculty of Nanotechnology and Advanced Materials Engineering, Sejong University, Seoul 143-747, South Korea".

Since I have now joined as a Post-doctoral Fellow in "School of Chemical engineering and Light industry, Guangdong University of Technology, Guangzhou 510006, China". I am very happy to inform you that our research collaboration can also be continued from my current affiliation too.

Looking forward to hearing from you.

With my best regards

Dr. Abdul Hakeem Deshmukh
Post-doctoral Fellow
School of Chemical engineering and Light industry,
Guangdong University of Technology,
Guangzhou 510006, China
Contact No. +861986075140

Dr. L. S. Ladke
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Federal University of Petroleum Resources, Effurun
P.M.B. 1221, DELTA STATE, NIGERIA



MOTTO: Excellence and Relevance

**Department of Chemistry,
College of Science**

9th February, 2021

The Principal,
N.S. Science and Arts College
Bhadrawati, Dist: Chandrapur-442902

Sir,
Research Collaboration

The Department of Chemistry, FUPRE Nigeria, has enjoyed working with your colleagues in the past and on that note wishes to extend collaboration to the entire staff and students of your college.

The physics department of your institution has done some works on nanotechnology and some of our staff and students are greatly working on that area of research. It will therefore be a great pleasure to link with your researchers and exchange robust ideas for the advancement of this nascent technology. The staff and students of your institution can also visit FUPRE Nigeria at any point in time.

Accept this as a memorandum of understanding for research collaboration between us.

Thank you.

Yours Faithfully,

Dr. Elias. Emeka Elemike

Inorganic chemistry/Nanotechnology

Email: elemike.elias@fupre.edu.ng

Phone number: +2348035642445

Dr. T. S. Ladke

PRINCIPAL

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