

R.S. No. 199B/1-3, Gokul Shirgaon, Kolhapur - 416 234.  
Maharashtra, INDIA.  
Tel. +91 7769001199, 9168781199  
Email : info@kitcoek.in  
Web : www.kitcoek.in



KOLHAPUR INSTITUTE  
OF TECHNOLOGY'S  
**COLLEGE OF  
ENGINEERING**  
(AUTONOMOUS),  
**KOLHAPUR**

Accredited 'A' Grade by NAAC, Bengaluru

KIT/CEK/No. **No 0 0 1 3 0**

Date: **17 JUN 2021**

To,  
**DR. MALKAR RADHIKA SADASHIV,**  
1261, 'B' WARD, MANGALWAR PETH,  
KHARI CORNER,  
DIST: KOLHAPUR – 416 012.

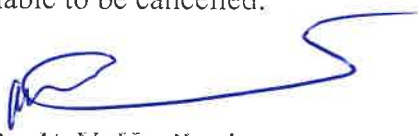
**SUB. : APPOINTMENT AS ASSOCIATE PROFESSOR.**

Ref. : Interview dated 10-12-2019.

The Management of Kolhapur Institute of Technology is pleased to inform you that you are appointed as a ASSOCIATE PROFESSOR in **BIOTECHNOLOGY ENGINEERING DEPARTMENT** in Kolhapur Institute of Technology's College of Engineering(Autonomous), Gokul Shirgaon, Kolhapur, w.e.f. 17-06-2021 in the pay band of Rs.37400-67000 A.G.P. Rs.9000/- aggregating total emoluments of Rs.38000/- per month.

Your appointment is on purely temporary and subject to approval by Shivaji University, Kolhapur. You are eligible to draw the allowances as per existing rules for regular faculty in the college.

If your acceptance is not received within 15 days from the receipt your appointment letter is liable to be cancelled.

  
Dr. V. V. Karjinni  
Director



(12) PATENT APPLICATION PUBLICATION

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(19) INDIA

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(54) Title of the invention : CATALYST FOR CO<sub>2</sub> METHANATION REACTION HAVING HIGH ACTIVITY AND LONG TERM STABILITY AND PROCESS THEREOF

(51) International classification	:B01J0037020000, C07C0001040000, B01J0023460000, B01J0023755000, B01J0023440000	(71) <b>Name of Applicant :</b> <b>1)INSTITUTE OF CHEMICAL TECHNOLOGY</b> Address of Applicant :INSTITUTE OF CHEMICAL TECHNOLOGY, NATHALAL PAREKH MARG, MATUNGA, MUMBAI, 400 019, MAHARASHTRA, INDIA Maharashtra India
(31) Priority Document No	:NA	<b>2)ONGC ENERGY CENTRE TRUST</b>
(32) Priority Date	:NA	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:NA	<b>1)YADAV; GANAPATI DADASAHEB</b>
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(57) Abstract :

CATALYST FOR CO<sub>2</sub> METHANATION REACTION HAVING HIGH ACTIVITY AND LONG-TERM STABILITY AND PROCESS THEREOF The present invention relates to a novel heterogeneous catalyst for selective carbon dioxide methanation reaction having high activity and long-term stability, wherein the catalyst comprising of at least one alkali promoter metal, active metals selected from Nickel and Iron and a stable support for active metals having combination of CeO<sub>2</sub>-Al<sub>2</sub>O<sub>3</sub>. Further, the present invention provides a process for synthesis of said catalyst. Secondly, the present invention also provides a sustainable process for synthesis of methane using said novel heterogeneous catalyst. The benefits of present invention are that it provides a sustainable CO<sub>2</sub> methanation process as the novel outstanding catalyst having high performance and long-term stability and totally eliminates catalyst regeneration or reloading step due to its very long-term stability for >1000h.

No. of Pages : 37 No. of Claims : 7