**國巨成大共研中心**

**「製程熱流模擬與分析」產學合作構想書徵求申請須知**

110/04

1. **徵案說明**

Basically, MLCC is a sintered ceramic devise; the layered structure was formed by sintering of Ni internal electrodes and ceramic dielectrics – high-temperature heat process is indispensable. Each heat process is independent cause a lot of waste of energy and labor force. Recently superheated steam binder burn-out receives attention from MLCC manufactures for effective rapid binder burn-out method of MLCC, and the binder burn-out test between Yageo and NORITAKE is ongoing. How to work their unique gas flow system and superheated steam binder burn-out mechanism like simulation of gas (steam) flow and theory construction is required.

1. **作業時程**
2. 構想書收件時間，**自即日起至110年4月25日(日)前**，申請文件以電子郵件寄送至info.NICC@ncku.edu.tw。
3. 申請作業分為兩階段：
   1. **第一階段為4月25日提交產學合作構想書**(格式參考附件)，後由成大企業共研中心聯合辦公室媒合與國巨視訊會議討論合作計畫可行性。
   2. **第二階段為提交產學合作計畫書，**待雙方溝通有合作共識後，請提案教授提交產學合作計畫書，內容包括研究計畫內容、計畫執行方式、預定目標、經費預算、預期產出時程等規劃。最終結果預計五月中旬通知。
4. **徵求項目**

計畫徵求項目說明請參考附件檔案。

1. **構想書撰寫格式**

請參考次頁構想書格式，**請以英文撰寫**。

1. **構想書要點**
   * 1. 研究主題是否符合國巨技術需求之徵求內容。
     2. 研究主題之新穎性、前瞻性、可行性及應用性。
     3. 計畫主持人及團隊之過去研究果及經驗。
2. **徵案窗口：**

成功大學企業共研中心聯合辦公室 黃藍逸 協理

TEL: (06) 2360524轉203/校內分機36000轉203/手機0922821365

成功大學企業共研中心聯合辦公室 黃于珊 管理師

TEL: (06) 275-7575轉31305 /校內分機31305

**Yageo-NCKU Joint Research Project Proposal**

**APPLICATION FORM**

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| No: |
| Corresponding Project No. | Yageo-NCKU research collaboration (thermal simulation) | | | | |
| Title of Joint Research Project |  | | | | |
| Principal Investigator | Name |  | Institution/ Department |  | |
| TEL |  | e-mail |  | |
| Abstract of Proposal | (Please briefly describe the proposed research project) | | | | |
| Research accomplishments and specialties | (Research and publish related to the project) | | | | |
| Participants of project | (Curriculum Vitae of all participants of the project) | | | | |