



**NATIONAL  
ADVANCED MANUFACTURING  
INNOVATION AWARDS**



**Recognising Excellence and Innovation**

Department of Trade and Industry Minister Rob Davies is invited to preside over the awards

## **ADVANCED MANUFACTURING INNOVATION AWARDS**

**Submissions are now being accepted for South Africa's prestigious annual Advanced manufacturing Innovation Awards.**

**We invite you to apply now and enjoy the significant profiling opportunities that accrue to entrants.**

- Made annually at the African Advanced Manufacturing and Composites Show
- Evening of 1st day (27 November 2019)
- 500 delegates
- Call for submissions/entries close 31 July 2019.

**For detailed information about the African Advanced Manufacturing and Composites Show and its opportunities see [www.africanadvancedmanufacturingshow.co.za](http://www.africanadvancedmanufacturingshow.co.za)**

### **OBJECTIVE**

- Identify, promote and reward innovation in the advanced manufacturing and composites industry.
- Popularise Advanced Manufacturing in industry and academia
- Showcase South Africa's capabilities in AM and innovation (media)

### **AWARDS SCOPE**

- 3D printing and related production, robotics, automation and AI, laser cutting and etching, CNC machining, materials of the future, including composites, application of industry 4.0, software, big data, IOT etc

### **CATEGORIES**

**Gold and Silver Awards will be made for\*:**

- A. Scholarly impact in advanced manufacturing,**
- B. Industry advancement in advanced manufacturing,**
- C. Export proficiency.**
- D. Contribution to import replacement.**
- E. Composites floating trophy for displaying innovation**
- F. Most promising "start-up or newcomer" awards.**



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*\* The organisers reserve the right not to make an award.*

### AWARDS CRITERIA AND JUDGING

- Call for submissions/entries close 31 July 2019.
- Judges evaluate and announce short list of companies.
- Short-listed entrants in the "Most Promising Start-up" Category should be prepared to exhibit at the November Show from 27 & 28 November 2019.
- Advisory Panel members:



**Andy Radford**  
CEO Mandela Bay  
Composites Cluster



**Eckard Du Plessis**  
Owner  
Industrial Composites



**Anton Hanekom**  
Executive Director  
Plastics| SA



**Nontombi Marule**  
Director  
Innovation and Technology  
Department of Trade  
and Industry



**Martin Sanne**  
(Executive Director)  
CSIR Materials Science  
and Manufacturing (MSM)



**Professor Mervyn Kanny**  
Durban University of  
Technology Department of  
Mechanical Engineering



**Dr Oswald Franks**  
Executive Dean: Faculty of  
Engineering, Built Environment  
& Information Technology  
Nelson Mandela University



**Shaun Moses**  
Deputy Director  
Regional Industrial Cluster  
Development – Department  
of Trade and Industry

entry forms follow below.....



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**THIS IS A SUBMISSION FORM FOR "CATEGORY A" ONLY**

**“Scholarly impact in advanced manufacturing”**

**Please answer all of the following questions.**

**Once complete, scan and email this submission form and your motivation to the Awards  
facilitator - [deon@inkanyezi.co.za](mailto:deon@inkanyezi.co.za)**

**CONTACT DETAILS of Entrants**

Name of Entering Organisation	
Full Name and Surname of Individual Contact	
Industry the Entering Organisation operates in (eg. Logistics, Transport, Manufacturing, etc)	
Description of Company: Products and/or services of the company.	
Contact Number	
Email Address	
Physical Address	
Signature - verifying that the details contained in submission are true	

**SUBMISSION QUESTIONS**

*(Use as many pages as required to answer the questions)*

- (1) Demonstrate or describe your contribution to Research & Development in Advanced Manufacturing.**
- (2) Proof of published articles and literature and the impact of this knowledge in industry.**
- (3) Show contribution pertaining to new and fresh thinking, models and paradigms.**
- (4) Additional support for the submission.....(videos and multimedia are welcome)**



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**THIS IS A SUBMISSION FORM FOR CATEGORY B ONLY**  
**“Industry advancement in advanced manufacturing”**

Please answer all of the following questions.

Once complete, scan and email this submission form and your motivation to the Awards facilitator - [deon@inkanyezi.co.za](mailto:deon@inkanyezi.co.za)

**CONTACT DETAILS of Entrants**

Name of Entering Organisation	
Full Name and Surname of Individual Contact	
Industry the Entering Organisation operates in (eg. Logistics, Transport, Manufacturing, etc)	
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Contact Number	
Email Address	
Physical Address	
Signature - verifying that the details contained in submission are true	

**SUBMISSION QUESTIONS (Use as many pages as required)**

- (1) Demonstrate how you have supported the development and growth of Advanced Manufacturing in South Africa at an industry level (not individual company level, unless that intervention has had an industry-wide impact). This can but is not limited to the development of black-owned suppliers.**
- (2) Estimation of calculation of impact.**
- (3) Further motivation for recognition - (videos and multimedia are welcome)**



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**THIS IS A SUBMISSION FORM FOR CATEGORY C ONLY**

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**“Export Proficiency”**

**Please answer all of the following questions. Once complete, scan and email this form and your submission to the Awards facilitator - [deon@inkanyezi.co.za](mailto:deon@inkanyezi.co.za)**

**CONTACT DETAILS of Entrants**

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Full Name and Surname of Individual Contact	
Industry the Entering Organisation operates in (eg. Logistics, Transport, Manufacturing, etc)	
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Contact Number	
Email Address	
Physical Address	
Signature - verifying that the details contained in submission are true	

**SUBMISSION QUESTIONS *(Use as many pages as required)***

- (1) Entrants including seasoned and new exporters to demonstrate the extent of AM related products and services that are exported.**
- (2) List Export Destinations and Export % growth.**
- (3) Demonstrate the keys to your success behind tapping into export markets, the obstacles you have overcome, quality standards attained, Cost, Quality and Delivery considerations and client feedback (where available).**
- (4) Further Support of your submission..... (videos and multimedia are welcome)**



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**THIS IS A SUBMISSION FORM FOR CATEGORY D ONLY**

**“Contribution to Import Replacement (localisation).”**

**Please answer all of the following questions.**

**Once complete, scan and email this submission form and motivation to the Awards  
facilitator - [deon@inkanyezi.co.za](mailto:deon@inkanyezi.co.za)**

**CONTACT DETAILS of Entrants**

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Full Name and Surname of Individual Contact	
Industry the Entering Organisation operates in (eg. Logistics, Transport, Manufacturing)	
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Email Address	
Physical Address	
Signature - verifying that the details contained in submission are true	

**SUBMISSION QUESTIONS (Use as many pages as required)**

- (1) Entrants demonstrate the extent to which they have been successful in localising a product or process which previously had been imported.**
- (2) Describe the localisation effort, obstacles moved and steps taken.**
- (3) Indicate an estimation of the impact of this localisation eg jobs created/sustained, contribution to GDP and black owned supplier development (if applicable).**
- (4) Further support of your application..... (videos and multimedia are welcome)**



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**THIS IS A SUBMISSION FORM FOR CATEGORY E ONLY**

**“Composites floating trophy for displaying innovation”**

**Please answer all of the following questions.**

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facilitator - [deon@inkanyezi.co.za](mailto:deon@inkanyezi.co.za)**

**CONTACT DETAILS of Entrants**

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Full Name and Surname of Individual Contact	
Industry the Entering Organisation operates in (eg. Logistics, Transport, Manufacturing)	
Description of Company: Products and/or services of the company.	
Contact Number	
Email Address	
Physical Address	
Signature - verifying that the details contained in submission are true	

**SUBMISSION QUESTIONS (Use as many pages as required)**

- (1) Entrants demonstrate how they have solved a problem using an innovative solution where the solution can pertain to technology, material used, process, tooling, computing or the application of existing products and services used in an innovative way to solve a specific industry challenge.**
- (2) Describe the problem in more detail and how it was solved in an innovative way. How innovation was required to overcome an obstacle/s. This applies to Additive, Subtractive and all manufacturing segments.**
- (3) Explain the significance of the innovation i.e the outcome or results of the introduced innovation**
- (4) Additional info in support of application..... (videos and multimedia are welcome)**



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## **THIS IS A SUBMISSION FORM FOR CATEGORY F ONLY** **“Most promising “start- up or newcomer” awards.”**

**Please answer all of the following questions.**

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facilitator - [deon@inkanyezi.co.za](mailto:deon@inkanyezi.co.za)**

### **CONTACT DETAILS of Entrants**

Name of Entering Organisation	
Full Name and Surname of Individual Contact	
Industry the Entering Organisation operates in (eg. Logistics, Transport, Manufacturing)	
Description of Company: Products and/or services of the company.	
Contact Number	
Email Address	
Physical Address	
Signature - verifying that the details contained in submission are true	

### **SUBMISSION QUESTIONS**

*(Use as many pages as required to answer the questions)*

- (1) Entrant is an SMME that has been operating for less than 36 months. Describe your turnover, number of employees and development journey i.e how you started and your current situation.**
- (2) Entrant describes a business model/product or service that has gained traction in the market or is expected to still find traction. Detail the unique selling proposition, need in industry/society and expected sales projection.**
- (3) Entrant must show measured progress which may include components such as R&D, testing, certification, commercialisation, partnerships and industry recognition or show a business model which describes the intended objectives and outcomes.**
- (4) Entrant to discuss opportunities, threats, strengths and weaknesses of their own organisation in the context of the Advanced Manufacturing sector.**
- (5) Additional info to support application..... (videos and multimedia are welcome)**