

Pelan Strategik Penyelidikan UnisZA 2020-2022



Strategic Objective: [S3] World Class Research



Operational Objective: [OP08] Internationally-preferred Researchers (CREIM)





| Action (what we will do) | KPI (how we measure success) |
|--|--|
| [A1] To conduct research projects based on MoUs/MoAs (CREIM, FBK, FBIM, FIK, FKI, FPP, FSK, FSSG, FUHA and CoEs) | No. of MoU/MoA active research projects 2020: 1 for each faculty and CoE 2021: 1 for each faculty and CoE 2022: 1 for each faculty and CoE |
| [A2] To administer international collaborative grants (CREIM) | No of international collaborative grants 2020: 1 for each faculty and CoE 2021: 1 for each faculty and CoE 2022: 1 for each faculty and CoE |





| Action (what we will do) | KPI (how we measure success) |
|--|--|
| [A3] To co-author publications with identified partners (top 300 QS Asia Rankings/ top 500 QS World Rankings) (CREIM, FBK, FF, FIK, FKI, FSK, FSSG and CoEs) | No. of Co-author publications with international universities/ bodies 2020: 120 2021: 150 2022: 180 |
| [A4] To present papers in international indexed conferences (CREIM, FBK, FF, FIK, FPP, FP, FRIT, FSSG and CoEs) | No. of presented papers in international indexed conferences 2020: 60 2021: 70 2022: 80 |





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| Action (what we will do) | KPI (how we measure success) |
|---|---|
| [A5] To register in Researchgate, ORCID and Publons (CREIM, FBK, FBIM, FF, FIK, FKI, FPP, FP, FRIT, FSK, FSSG, FUHA and CoEs) | Percentage of academic staff registered in Researchgate, ORCID and Publons 2020: 50% 2021: 75% 2022: 100% |
| | No. of invitations for keynote speaker (fully sponsored) 2020: Benchmark 2021: Increasing 2022: Increasing |



[OP09] Quality Industrial Collaborative Research (CLMC)





| Action (what we will do) | KPI (how we measure success) |
|--|---|
| A1] To increase academic staff for industrial attachment (PP, FBIM, FF, FIK, FSK and FUHA) | No. of academic staff went for Industrial Attachment: 2020: 1 for each faculty 2021: 1 for each faculty 2022: 1 for each faculty |
| [A2] To establish accredited research labs (ISO:17025) (CLMC) | No. of accredited research labs 2020: 1 sub domain 2021: 2 sub domain 2022: 3 sub domain |





| Action (what we will do) | KPI (how we measure success) |
|--|--|
| [A3] To conduct contract research/consultation work (CREIM, FUHA and CoEs) | No. of contract research/consultation work 2020: 3 2021: 5 2022: 10 |
| [A4] To obtain research endowments (CREIM, CoEs) | Research endowment values 2020: 50K 2021: 75K 2022: 100K |





| Action (what we will do) | KPI (how we measure success) |
|---|--|
| [A5] To provide accredited lab services (CLMC, CREIM) | Total income from accredited labs 2021: 40k (break-even) 2022: 20% profit (break |
| [A6] To build commercial awareness (CREIM, CenTTM) | Number of product commercialization/ licensing 2020: 1 2021: 2 2022: 2 |
| [A7] To develop business plan for research output commercialization (CREIM) | |



Operational Objective: [OP10] High-quality Research Output (ESERI)





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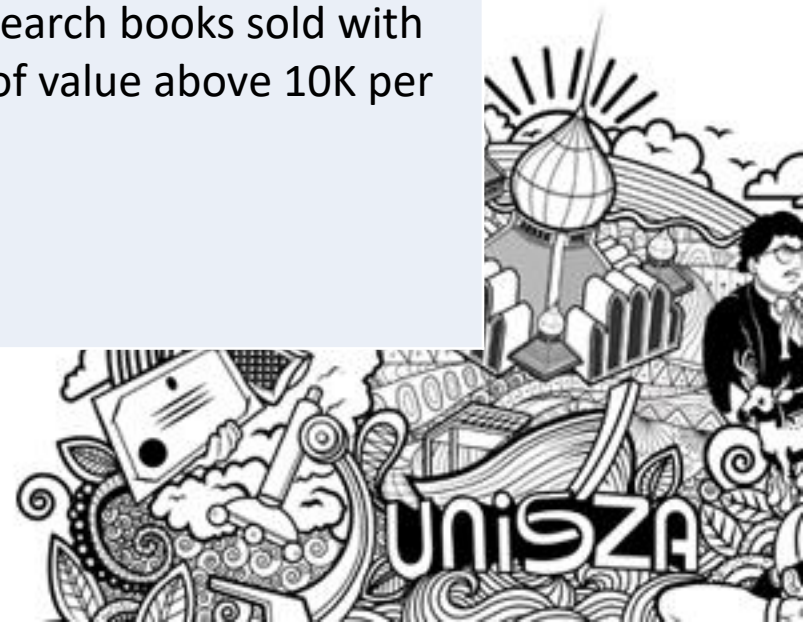
| Action (what we will do) | KPI (how we measure success) |
|--|--|
| [A1] To increase competitive internal research funding (CREIM) | Total value of internal research grant funding 2020: 400K 2021: 700K 2022: 1M |
| [A2] To empower SIGs (mentoring, outputs, projects) (CREIM, FBK, FIK, FKI, FPP, FSSG, FUHA and CoEs) | Total no. of active SIGs 2020: 5 2021: 10 2022: 15 |





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| Action (what we will do) | KPI (how we measure success) |
|---|--|
| [A3] To produce high impact publications (CREIM, FBK, FBIM, FF, FIK, FPP, FP, FRIT, FSSG and CoE) | No. of article publish in high impact jurnal (Q4 above) 2020: 30 2021: 40 2022: 50 |
| [A4] To develop comprehensive integrated research management system (CREIM & PPIR) | No. of research books sold with royalties of value above 10K per year 2020: 5 2021: 5 2022: 5 |





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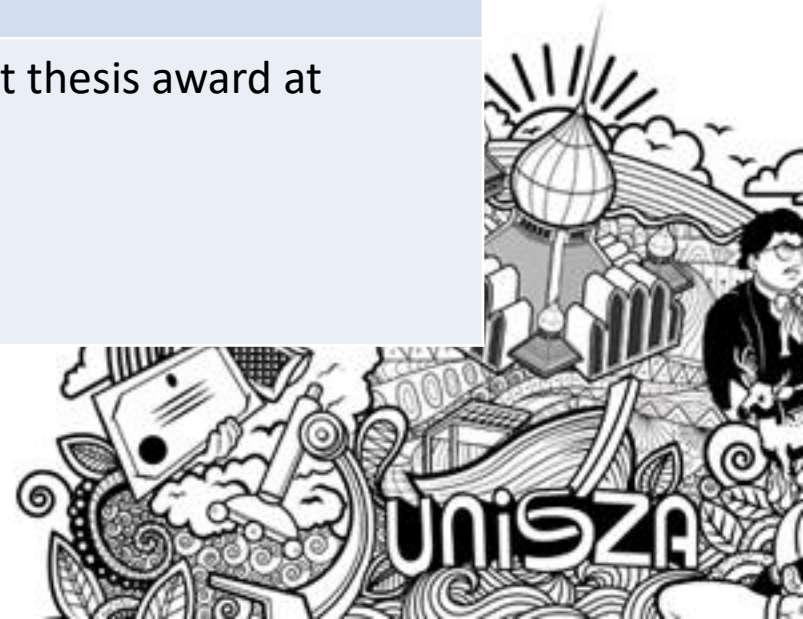
| Action (what we will do) | KPI (how we measure success) |
|---|--|
| [A5] To endorse academic staff for research attachments (research based institution) - 13 months (CREIM, FBIM, FF, FPP, FP, FSK and FUHA) | No. of research books sold in international online platform (Amazon) 2020: 10 2021: 20 2022: 30 |
| [A6] To produce high quality Postgraduate students (PPS, FBK, FBIM, FF, FIK, FPP, FRIT, FSSG and FUHA) | Total no. of National Research Award 2022: 1 |





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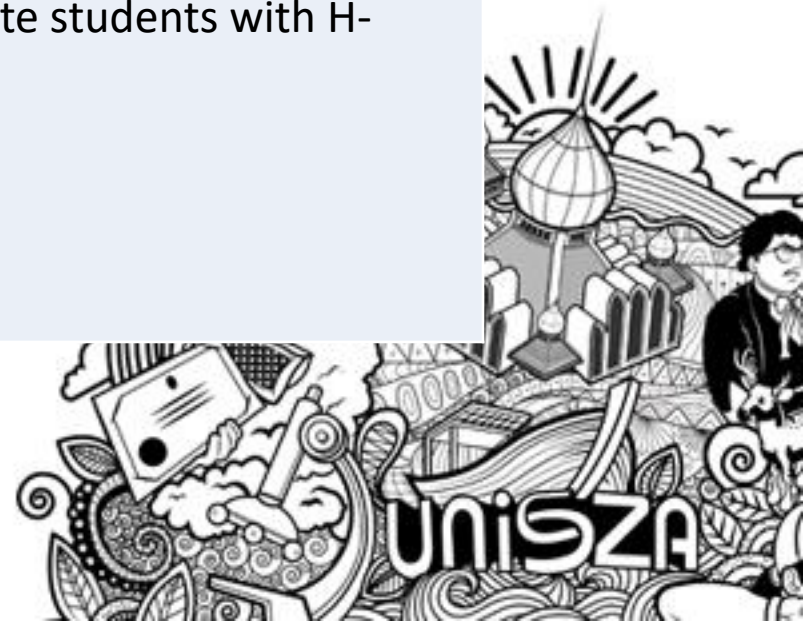
| Action (what we will do) | KPI (how we measure success) |
|--------------------------|--|
| | Total 5-years cumulative citations from UnisZA's publication 2020: 7000 2021: 10000 2022: 15000 |
| | Total no. of best thesis award at national level 2020: 1 2021: 1 2022: 2 |





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| Action (what we will do) | KPI (how we measure success) |
|--------------------------|---|
| | No of academic staff with H-index \geq 5 2020: 2021: 2022: |
| | No of postgraduate students with H-index \geq 3 2020: 10 2021: 20 2022: 30 |





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YOU **Thank**
Merci
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Biyangrazie
Juspaxar
Shukria
Shukria
Tashakkur
bolzin
Maake
gozaimashita
Mehrbani
Arigato
Dankscheen
Wabeeja
Medawagse
Mersi
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Meketai
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Spasibo
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