

RESEARCH



Dr D S Bormane

SCI/Scopus/UGC Indexed	2
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Citation Indices	Value
Citations	852
h-index	13
i10-index	18

Sr. No.	Particulars	Number
1	Nos. of Ph.D. Supervised	12
2	PG Guides	06
3	Patents Filed	13
4	Copyrights	06
5	Completed Research Projects	06
6	Books Published	03
7	No of Publications	172
8	No of MoUs	10

Publications

SR.NO.	Name of faculty	Publication		Citation	h-index/
		International/National Journal	International/National Conferences		
1	Dr D S Bormane	88	65/16	852	13
2	Dr D G Bhalke	30	11/01	207	
3	Ms K B Chaudhari	06	06/ 5	--	--
4	Mr A Y Kazi	01	02/02	--	--
5	Mr. N P Mawale	02/00	04/07		
6	Dr (Ms) P P Vast	03	02	--	--
7	Ms V D Nagrale	11	02	06	02
8	Ms V V Deshmukh	12	02	54	5
9	Ms Y P Lad	01	02	--	--
10	Ms V S Navale	04	01	--	--
11	Ms R R Itkarkar	12	14/8		
12	Ms S A Takalkar	10	01/02		

Research and Patents

1. Dr D S Bormane has
2. Dr D G Bhalke 02
3. Ms V V Deshmukh
4. Dr P P Vast-- 01

PhD guide:

1. Dr D S Bormane has guided number 12 of PhD students and under going are 02
2. Dr D G Bhalke has PhD students 04 enrolled

M E Guide :

1. DR D G Bhalke 20
2. Mr A Y Kazi 06
3. K B Chaudhari 07
4. Mr N P Mawale: 02
5. V V Desmukh 07
6. Miss V D Nagrale 06

Research year 2015-17:

Title of research proposal : ' Investigation of Microwave Sensor for Non invasive Determination of Blood Glucose Concentration'

Principal investigator: Prof. Vidya V Deshmukh

Funding :Approval from BCUD, Pune

Introduction : Diabetes is a disease where body is unable to regulate proper amount of glucose in the blood due to lack of insulin or body's inability to produce insulin. Glucose is a biological sugar which provides chief source of energy for body. Acceptable glucose range in human being is 70mg/dL to 110 mg/dL. Diabetes mainly classified in to 2 types Type1 Diabetes an autoimmune disease and Type 2 caused due to metabolic disorder. Diabetes occurs in two states Hypoglycemia and Hyperglycemia with low blood sugar and high blood sugar levels respectively. If glucose concentration falls out of normal range causing Hypoglycemia and Hyperglycemia states then permanent damage may results to vital organs.