



TULJARAM CHATURCHAND COLLEGE

of Arts, Science and Commerce

Baramati, Dist. Pune. (Maharashtra)

(An Autonomous College Affiliated to Savitribai Phule Pune University)

ACCREDITED BY NAAC WITH 'A+' GRADE (CGPA 3.55)



(UD No. PU/PN/ASC/016/1902)



STATEMENT OF MARKS / CREDITS

SAVITRIBAI PHULE PUNE UNIVERSITY

Ph.D. Course Work in Physics
04 December, 2023 To 03 February, 2024

Centre : Anekant Education Society's, Tuljaram Chaturchand College of Arts, Science and Commerce college, Baramati (Autonomous)
Post Graduate Research Center , Department of Physics

PRN : 21030005852
Name of Student : PATIL PRATIK ASHOK
Name of Mother : TRISHALA
Ph.D. Topic : Carbon based Co-Ni Layered Double Hydroxides hybrid nanostructure as efficient electrode for Supercapacitors
Ph.D. Registration Ref. No. and Date : No. PGS/PGS/1293 dtd. 30/07/2022
Ph.D. Registration Date : 12-04-2022
Name of Guide : Dr. Rajendra Devidas Kale
Name of Co-Guide : —

Course No.	Course Title	Internal (out of 50)	External (out of 50)	Total (out of 100)	No. of Credits	Grade	Grade Point
1	Research Methodology	30	48	78	4	A+	09
2	Scientific writing and Presentation Techniques	31	48	79	4	A+	09
3	Fundamentals of Physics Revisited	33	46	79	4	A+	09
4	Advance Experimental Physics	30	44	74	4	A+	09
5	Publication Ethics (Int.Out of 25+ Ext. Out of 25)	15	21	36	2	A+	09
							45

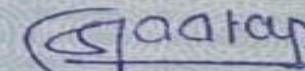
Total Marks (Out of 450) : 346
CGPA : 9.00

Percentage of Marks: 76.89
Final Grade : O


Head

PG Research Center, Dept. Physics




PRINCIPAL



Savitribai Phule Pune University, Pune
and



Anekant Education Society's

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati

(Autonomous)

NAAC Accredited 'A+', CGPA 3.55 ISO 9001- 2015, Green Audit Certified, Religious Minority Institute


P. G. Research Centre, Department of Physics

Ph.D. Course Work in Physics- 2024

CERTIFICATE

This is to certify that Mr./Miss./Mrs. Sodmise Sagar Kundlik.....has
successfully completed the **Ph.D. Course Work in Physics** (offline and online) conducted by Post- Graduate Research
Centre, Department of Physics, Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati affiliated to
Savitribai Phule Pune University, Pune held during 03/12/2023 to 03/02/2024 and has been placed in .O....grade.


Dr. Ramchandra T. Sapkal
Co-ordinator


Prof. (Dr.) Ashok E. Kalange
Head
Department of Physics




Prof. (Dr.) Vinash S. Jagtap
Principal
Tuljaram Chaturchand College
Baramati



Savitribai Phule Pune University, Pune
and



Anekant Education Society's

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati

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P. G. Research Centre Department of Botany

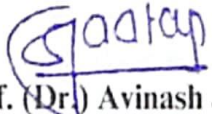
Ph.D. Course Work In Botany - 2024

CERTIFICATE

This is to certify that Mr./M^{rs}./M^s.....*Ghandankar Sourabh Ramdas*.....has successfully completed the **Ph.D. Course Work in Botany (offline and online)** conducted by Post- Graduate Research Centre, Department of Botany, Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati affiliated to Savitribai Phule Pune University, Pune held during 16/10/2023 to 16/02/2024 and has been placed in '*a*' grade.


Dr. Mrs. Rupali Chitale
Co-ordinator


Prof. (Dr.) Bhagawan Mali
Head
Department of Botany


Prof. (Dr.) Avinash Jagtap
Principal

