

# Proposal For

Establishing State of Art Interdisciplinary Infrastructural  
hub for Innovative Teaching Learning & Research at  
Government Degree College Sopore.

## Under the Scheme

“Fund for Improvement of S&T Infrastructure in  
Universities and Higher Educational Institutions (FIST)  
Program – 2020” Level - 0

## Submitted By

Government Degree College Sopore (Boys)  
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J&K Union Territory – 193201  
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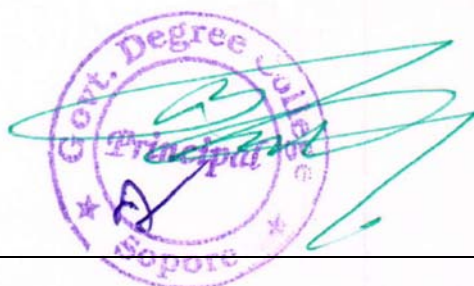
## Introduction

J&K has tremendous potential for generating employment in the sectors of Information Technology, Electronic & Communication Technologies, Energy Development, Agro Based Industries & Horticulture. The required intervention in training and mentoring can become pivotal in helping un-employed youth to achieve sustainable livelihood. The Establishment of State of Art Interdisciplinary Infrastructural hub for Innovative Teaching Learning & Research at Government Degree College Sopore can become backbone of technology based interactive learning, research competence and hub for learning. The centre can become hub for the development and application of indigenous technology in a dynamic economic environment.

## About Institution

Govt. Degree College Sopore was established on 27th of September 1951. Initially the college started as an intermediate college in 1949 and was housed in the present Govt. Boys Higher Secondary Sopore. It was only in 1951 that it was shifted in the present building and since then thousands of students have left the college and attained eminent positions in the social mainstream. Starting with a meager roll of 50 odd students in 1951, the institution has presently 3532 students on its roll with around 900 girl students alone. Sprawling over 111.3 kanals of land with built up area of around 7000 Sq. meter, the college campus is centrally located in the Sopore Town. Being multi-faculty and multi-disciplinary co-educational institution, the students pursue various under-graduate courses in Humanities, Science, Commerce & Management. The college has teaching faculty strength of 46 regular faculty members including a Professor, Associate Professors, Sr. Assistant Professors & a sizable number of (72) teaching members working on academic arrangement basis.

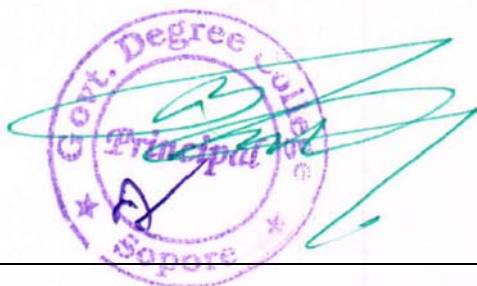
The campus has 32 lecture rooms, one spacious seminar hall/ conference hall, a State-of-Art auditorium block and Green House, one Browsing Centre, 20 Science labs, 70 computers with broadband connectivity under (NME Scheme) and a central digitized/automated library consisting 37000 books, 10 Journals. Besides the college is connected with a regional beam of EDUSAT and has Satellite Interactive Terminal (SIT) facility. The college emblem has been coined with a view to inculcate the traits of an eagle among the learners of this institution which happens to be an imaginary bird which on wings signifies ceaseless efforts on part of it to reach the zenith.



## Our Achievements

Projects / Activities Undertaken at Govt. Degree College Sopore (Boys) 2017 -18 & 2018-19

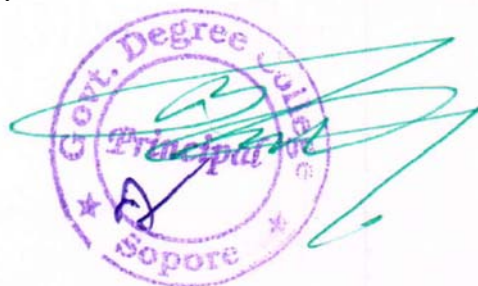
S.No.	Projects Undertaken	Achievement	Remarks
1.	Submitted Proposal to UGC for Start of Skill Course in the College, Got Approval of Four Skill Courses in Retail Management, International Business, Tourism & Hospitality & Information Technology of Rs. 50.0 Lakhs of funding Per Course Per Year. Only College Selected in J&K for Skill Programme.	Four Courses Approved <ul style="list-style-type: none"> <li>➤ Retail Management</li> <li>➤ International Business</li> <li>➤ Tourism &amp; Hospitality</li> <li>➤ Information Technology</li> </ul>	Total Funding received Rs. 92.0 Lakhs as 1st Installment  Rs. 1.08 Crore Awaited as 2nd Installment
2.	Submitted Proposal for conducting activities / programmes under the aegis of National Science & technology Entrepreneurship Development Board (NSTEDB) to Deptt. of Science & Technology GOI.	Two Entrepreneurship Awareness Camp (EAC) Sanctioned by Entrepreneurship Dev. Institute of India	Sanction Letter Received. Programme to be conducted in first and second week of December 2019.
3.	Submitted Proposal to Ministry of Human Resource Development GOI for Empanelment of our College as Implementing Agency for UNANAT BHARAT ABHIYAN. Approval Granted our College Selected as Implementing Agency.	Approval given and eight Villages Identified in District Baramulla for promoting Rural Livelihood Activities.	Data Submitted Funding Awaited
4.	Submitted Proposal to Ministry of Minority Affairs GOI for Conduct of Career Counseling & Awareness Workshop about Schemes implemented by Ministry. Approval Granted for Rs. 5.0 Lakhs for conduct of Workshop/ Conference in April 2019	Approval of proposal given Vide their Letter No. F.No. 9-15/2017-Res. & Eva, Dt. 01.01.2019	Rs. 5.0 Lakhs Sanctioned, funds to awaited



5.	Submitted Proposal to Ministry of Skill & Entrepreneurship GOI for empanelment of our College as SMART Accredited NSDC Training Provider. Approval Granted from NSDC along with Permission for setting up of Skill Training Centre Granted	Training ID Code 21433 Given, Training ID of Deptt of Commerce & Management also generated	Funding under PMKY to be received for imparting skill development training.
6.	Submitted proposal to Ministry of Medium Small Micro Enterprises (MSME) GOI for empanelment of our College as Knowledge Centre for Schemes Implemented by the Ministry. Approval Granted by Ministry.	College Shortlisted as Knowledge Partner	Funding from MSME & Empanelment Under Process
7.	Submitted Proposal to ARIIA for Institutional Innovation Awareness, Proposal Accepted. Visit to be conducted by Experts for 2019 for Funding Purposes.	Intuitional Innovation Index Report Submitted to MHRD	Funding awaited for developing innovation ecosystem in the College
8.	Submitted Proposal to Ministry of Food Processing GOI for imparting Skill Development Courses in College.	Proposal under Consideration by said Ministry.	Likely to be accepted for funding purposes.
9.	Submitted Proposal to Ministry of Textiles GOI for imparting Skill Development Courses in College.	Proposal under Consideration by said Ministry.	Likely to be accepted for funding purposes.
10.	Proposal submitted for setting up of 200 Seat BPO Training Centre in the College	College Shortlisted	DPR Submitted for Funding Purposes.

### **Objectives for Establishing State of Art Interdisciplinary Infrastructural hub for Innovative Teaching Learning & Research at Government Degree College Sopore**

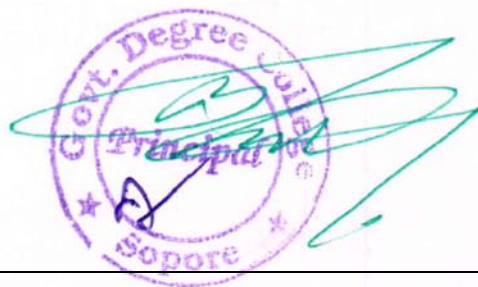
1. To encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes and products of value.



2. To mentor the incubates who has an innovative idea which can be transformed into commercially viable product in order to develop entrepreneurship.
3. To provide guidance to newly established start-up's and budding entrepreneurs to develop their capacities in screening ideas.
4. To provide financial support to incubates in the form of seed capital and developing linkages with Institutions running Centrally Sponsored Schemes for further augmentation and development of proprietary technology.
5. To work as entrepreneurship development centre within the College Campus.
6. To provide expert consultation to budding entrepreneurs and start-ups.

### **Activities to be taken at State of Art Interdisciplinary Infrastructural hub for Innovative Teaching Learning & Research at Government Degree College Sopore**

1. Identification, development and commercialization of new product / process / application through latest technology.
2. Significant improvement in existing product / process / application.
3. Substantial quality upgradation, reduced material consumption, reduced energy consumption, cost reduction, improved competitiveness, improved ergonomics.
4. Development and deployment of technology or design to satisfy existing occupational health and or safety standards or improve upon them.
5. Development and deployment of technology or design necessary to satisfy domestic or foreign environmental requirements or standards current or anticipated.
6. Development and deployment of technology or design necessary to satisfy the requirements of domestic legislation and or decisions of the judiciary or product liability legislations in expert markets.
7. Adaption / modification to product / process which has been imported so as to make it suitable for wider domestic application.
8. Replacement of imported raw materials / components with indigenous substitutes.
9. Providing the socio-commercial viability or new and / or renewable sources of energy commercially deliverable to consumers.



10. Development of technology to meet the medical standards and providing socio-commercial viability of bio-medical equipments and devices.
11. Waste recycling.

**Beneficiaries / Incubates:**

1. The Students who are enrolled as well passed outs and have innovative and creative ideas will be provided mentorship for transforming their ideas into products and services with commercial value by connecting them with the peers in the line.
  2. The students who have left the degree programme in the middle and are dropouts and come up with innovative ideas will be enrolled as incubates and provided guidance on product development, product testing, product design development, prototype development and commercialization for improving their chances of achieving secure livelihood.
  3. Newly established start-up enterprises and budding entrepreneurs who desire to undertake entrepreneurship as career will be provided guidance in the form of mentoring by subject specialists / resource persons / experts.
1. Teaching Material in the form of lectures, notes, books and Lectures from Subject Experts / Resource Persons



## Institution Details

1.	<b>Name of the College:</b> (As given in list u/s 12(B) of UGC Act)	<b>Government Degree College (Boys Sopore)</b>
2.	<b>Full Postal Address:</b>	<b>Govt. Degree College Sopore, District: Baramulla Pin : 193201, P: 01954- 222262</b>
3.	<b>Name of the Affiliating University</b>	<b>University of Kashmir</b>
4.	<b>Name of Convener of FIST</b>	<b>Dr. Owais Charag (Faculty Member)</b>
5.	<b>Whether covered under Section 2(f) and 12(B) of the UGC Act, 1956</b>	<b>Yes</b>
6.	<b>Whether Autonomous</b>	<b>No</b>
7.	<b>Whether recognized as College with Potential for Excellence / University with Potential for Excellence</b>	<b>No</b>
8.	<b>NAAC / NBA Accreditation details. (Date, Grade, CGPA, validity)</b>	<b>B Grade</b>
9.	<b>Whether the institution is aided and receiving General Development Assistance from UGC or self financing?</b>	<b>No</b>
10.	<b>Name, designation and contact details (Telephone/fax/mobile/email) of Head of the Institution and Nodal Officer.</b>	<b>Principal, Govt. Degree College Sopore, District: Baramulla, O: 01954-222262, soporecollege@gmail.com</b>
11.	<b>Website URL of the College</b>	<b>www. gdc Sopore.com</b>



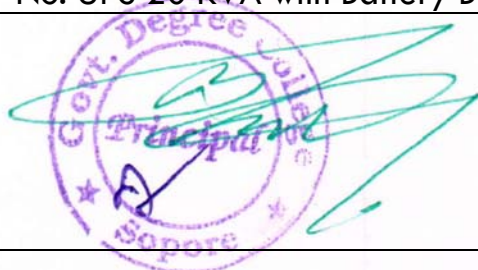
<b>12.</b>	<b>Any Other Information</b>	The institution has been established in Sept. 1951 and was established as premier hub for rendering education. The College is governed by the state government so far as its administration is concerned and academically it is governed by the University of Kashmir.
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**Proposed Funds Requirements for Establishing State of Art  
Interdisciplinary Infrastructural hub for Innovative Teaching Learning &  
Research at Government Degree College Sopore.**

S.No	Particulars	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total
1.	<p><b><u>Budget Head Equipment:</u></b></p> <p>a) 40 No AIO (All in One) Computers of Latest Configuration i5 / i7, 8<sup>th</sup> / 9<sup>th</sup> or Higher Generations Processors with 16GB DDR4 RAM, 2 TB HDD, LED, Keyboard Mouse, Windows Preloaded &amp; Softwares Dell / HP Make</p> <p>b) 5 No. Laptop i7, 9<sup>th</sup> or Higher Generations Processors with 16GB DDR4 RAM, 2 TB HDD, LED, Keyboard Mouse, Windows Preloaded &amp; Softwares Dell / HP Make</p> <p>c) 10 No Smart Interactive Touch Panel LFD'S / Interactive Board Touch with Interactive Feature Ceramic Steel 6x4 ft Size, With Ultra Short Throw Projector of Sony/Epson Make, Ceiling Mounting Kit + VGA + Power Ca Accessories (Power, VGA, USB) Cables for Projector &amp; Insta and accessories (Make Ricoh/Panasonic/Globus) With Stand for Movable Mounting Arrangement for Interactive Board. With All in One PC for Operating Smart Board and Projector</p> <p>d) 2 No. Video Conferencing Equipment with USB Mic Camera along with Software (Honeywell / Polycom)</p> <p>e) 5 No. Learning Class Lecture Recording System with Recording Software, Cameras, Mics, Writing Pads, Tablets and other Hardware Equipments with 1000GB Cloud Space</p> <p>f) 2 No Duplex Monochrome Laser Printer Network 30 PPM Brother, HP, Konica Minolta (All in One)</p> <p>g) 1 No. Xerox Work Centre Photostat Machine</p> <p>h) 1 No 30 KVA Servo Stabilizers</p> <p>i) 1 No. UPS 20 KVA with Battery Bank Exide</p>	99.0 Lacs	-	-	-	-	99.0 Lacs



2.	<b><u>Budget Head Networking:</u></b> a) Outdoor & Indoor WiFi Campus Network with fixing of Outdoor WiFi Accespoints, Radios Mesh Network b) LAN / WLAN Networking using CAT Cable, Radio Links, WiFi Repeaters, Routers etc. c) 16 Port Network Switch, WiFi Router, Access points, CAT 6 LAN Cable, Patch Cords. d) Dedicated Internet Connectivity 10MBPS Leased Line through Fibre / Radio Link. With five year advance subscription.	-	25.0 Lacs	-	-	-	25.0 Lacs
3.	IF (Books & Renovation of Labs) Renovation of Computing Lab, Life Science Labs, Chemical Labs, Learning Classrooms / Labs	8.50 Lacs	3.50 Lacs	2.0 Lacs	1.50 Lacs	0.50 Lacs	16.0 Lacs
4.	Maintenance	-	2.0 Lacs	2.50 Lacs	2.50 Lacs	3.0 Lacs	10.0 Lacs
<b>Total</b>		107.5 Lacs	30.5 Lacs	4.5 Lacs	4.0 Lacs	3.50 Lacs	<b>150 Lacs</b>



S. No.	Name of the faculty	Gender	Designation	Appointment (DD-MM-YY)	College of Posting	Masters Specialization	Ph. D. Specialization
1	Prof. Shagufta Nasreen	Female	Associate Prof.	12-04-1990	GDC Sonore	Islamic Studies	N/A
2	Dr. Khursheed Ahmad Thakur	Male	Associate Prof.	31-07-1991	GDC Sonore	Maths	Inequalities of Polyphenols and
3	Dr. Gh Mohd Lone	male	Associate Prof.	25-10-1999	GDC Sonore	Commerce	Human Resource management
4	Prof. M.Yousuf Khan	male	Associate Prof.	25-10-1999	GDC Sonore	Commerce	N/A
5	Prof. Gh. Mohi ud din Mir	Male	Associate Prof.	09-02-2000	GDC Sonore	English	N/A
6	Prof. Kousar Jan	Female	Associate Prof.	28-08-2000	GDC Sonore	Zoology	Fisheries
7	Prof. Fayaz Ahmad Butt	Male	Associate Prof.	08-01-2001	GDC Sonore	Chemistry	Physical Chemistry
8	Prof. Mohd Yousuf War	Male	Associate Prof.	13-02-2001	GDC Sonore	Botany (environmental Science)	N/A
9	Prof. Mohammad Ayub Shah	Male	Associate Prof.	13-02-2001	GDC Sonore	Botany	N/A
10	Dr. Noor Ud Din Zargar	Male	Associate Prof.	15-02-2001	GDC Sonore	Chemistry	Synthetic Organic Chemistry
11	Prof. Tariq Ahmad Wani	Male	Associate Prof.	29-06-2001	GDC Sonore	Botany (Plant Pathology)	N/A
12	Prof. Rouf Ali	Male	Assistant Prof.	04-10-2006	GDC Sonore	Cryptography	N/A
13	Dr. Syed Ajaz Farid	Male	Assistant Prof.	12-09-2007	GDC Sonore	Geography	Tourism Geography
14	Dr. Nusrat Shafi	Female	Assistant Prof.	14-12-2007	GDC Sonore	Chemistry	Bio-inorganic Chemistry
15	Prof. Nusrat Ali	female	Assistant Prof.	03-12-2009	GDC Sonore	Geography	N/A
16	Dr. Sheikh Tanveer Salam	male	Assistant Prof.	29-04-2010	GDC Sonore	Zoology	Parasitology
17	Dr. Abida Quansar	female	Assistant Prof.	19/05/2016	GDC Sonore	Islamic Studies	Social Status of women in Islam
18	Prof. Mohammad Idrees Bhat	male	Assistant Prof.	16-08-2016	GDC Sonore	English	N/A
19	Prof. Bilquees Rasool War	female	Assistant Prof.	16-08-2016	GDC Sonore	English	N/A
20	Prof. Mohd Ashraf Bhat	male	Assistant Prof.	16-08-2016	GDC Sonore	English	N/A
21	Prof. Firdous Ahmad Malla	male	Assistant Prof.	16-08-2016	GDC Sonore	Mathematics	N/A
22	Dr. Khalid Bashir	male	Assistant Prof.	15/12/2016	GDC Sonore	History	Medival India
23	Dr. Nasir Sonallah	male	Assistant Prof.	30/12/2016	GDC Sonore	Arabic	Modern Arabic Literature
24	Prof. Shamsul Din Shiekh	male	Assistant Prof.	30/12/2016	GDC Sonore	Psychopathology	N/A
25	Dr. Ifat Bashir	female	Assistant Prof.	04-01-2017	GDC Sonore	Sericulture	Silkworm Pathology
26	Prof. Imran Qadir Shoosha	male	Assistant Prof.	13/12/2016	GDC Sonore	Computer Applications	N/A

27	Prof. Nahida	female	Assistant Prof.	14-02-2017	GDC Sopore	Education	N/A
28	Dr. Ajaz Ahmad Ganie	male	Assistant Prof.	14/02/2017	GDC Sopore	Biotechnology	Hepatology and Toxicology
29	Prof. Mudasir Ahmad Shera	male	Assistant Prof.	14/02/2017	GDC Sopore	Education	N/A
30	Prof. Suhail Abdullah Malik	male	Assistant Prof.	21/02/2017	GDC Sopore	Environmental Science	N/A
31	Prof. Peerzada Sajad Ahmad	male	Assistant Prof.	23/02/2017	GDC Sopore	Business Administration	N/A
32	Dr Aadil Zahoor	male	Assistant Prof.	23-02-2017	GDC Sopore	Business Administration	Marketing Management
33	Dr. Owais Charag	male	Assistant Prof.	23/02/2017	GDC Sopore	Business Administration	Electronic Governance and S
34	Prof. Gh. Rasool Dar	male	Assistant Prof.	03-03-2017	GDC Sopore	Urdu	N/A
35	Dr. Zahoor Ahmad Mukhdoomi	male	Assistant Prof.	03-03-2017	GDC Sopore	Urdu	Iqbaliyat
36	Dr. Nasarul Islam	male	Assistant Prof.	06-04-2017	GDC Sopore	Chemistry	Quantum Computational Chem
37	Dr. Akhtar Hussain Malik	male	Assistant Prof.	06-04-2017	GDC Sopore	Chemistry	Material Chemistry
38	Dr. Bashir Ahmad Dar	male	Assistant Prof.	06-04-2017	GDC Sopore	chemistry	Organic Chemistryg
39	Dr. Mohd Iqbal	male	Assistant Prof.	06-04-2017	GDC Sopore	Geogrpahy	Remote sensing
40	Dr. Nissar Ahmad Kuchai	male	Assistant Prof.	06-04-2017	GDC Sopore	Geography	Urban Environment and remo
41	Prof. Farooq Ahmad Ganie	male	Assistant Prof.	06-04-2017	GDC Sopore	Zoology	N/A
42	Dr. Hilal Ahmad Wani	male	Assistant Prof.	20/06/2017	GDC Sopore	Poltical Science	Conflict Resolution in Jammu
43	Dr. Meraj ud din Gojree	male	Assistant Prof.	20/06/2017	GDC Sopore	Poltical Science	International Relations
44	Dr. Peerzada Arshad Shabir	male	Assistant Prof.	03-07-2017	GDC Sopore	Botany	Plant Reproductive Biology an
45	Prof. Mushtaq Ahmad Bhat	male	Assistant Prof.	03-07-2017	GDC Sopore	Botany	N/A
46	Prof. Farooq Ahmad Mir	male	Assistant Prof.	04-06-2018	GDC Sopore	Zoology	Fisheries
47	Dr. Nissar ul Ashraf	male	Assistant Prof.	26-04-2019	GDC Sopore	Biochemistry	Cellular amd Molecular Mecha
48	Prof. Musavir ul Habib	male	Assistant Prof.	22-08-2019	GDC Sopore	Economics	Energy economics
49	Dr. Aarif Mohammad Mir	male	Assistant Prof.	29-07-2019	GDC Sopore	Kashmiri	Dinanath nadims Poetry
50	Prof. Zahoor Ahmad Ganie	male	Assistant Prof.	22-08-2019	GDC Sopore	Social Work	N/A
51	Dr. Sajad Ahmad Bhat	male	Assistant Prof.	25-10-2019	GDC Sopore	Clinical Psychology	Clinical Psychology