



RESEARCH For RESURGENCE FOUNDATION

BHARTIYA SHIKSHAN MANDAL

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Bharatiya Shikshan Mandal

Bharatiya Shikshan Mandal (BSM) is a thought movement aimed at evolving an integrated and holistic indigenous model of education.

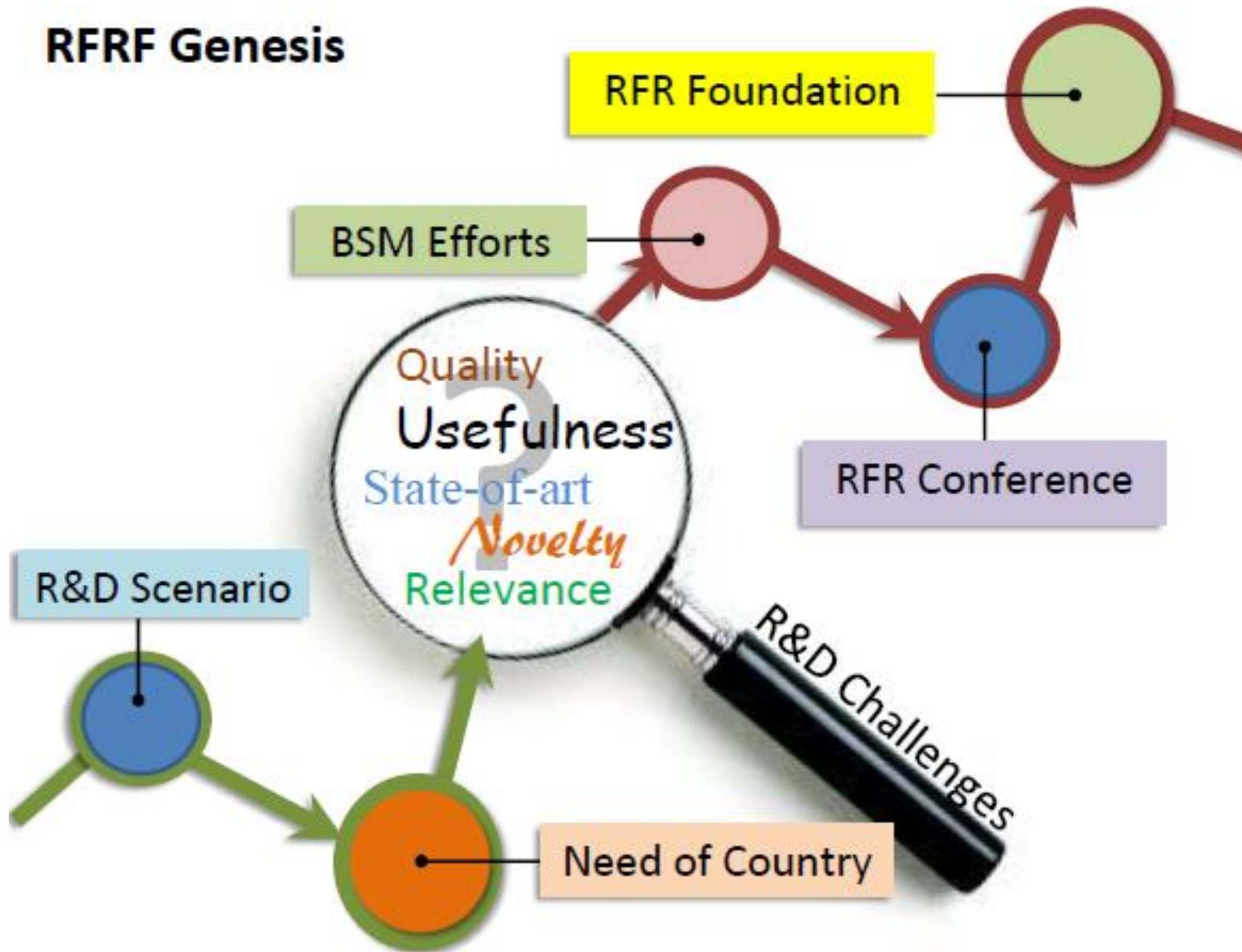
Established on **19th April 1969** and currently BSM is working in 24 states and 268 districts of Bharat

BSM has developed five dimensions of work module:

- **Research,**
- **Awareness,**
- **Orientation,**
- **Publication and**
- **Organization**

Vision: To motivate the young generation for building a strong, self-reliant and enlightened Bharat. The impetus is to awaken the inherent spirit of Bharatiya people into developing an Educational model which will facilitate accomplishment of the national mission of Bharat – guiding humanity.

RFRF Genesis



Genesis: RFR Conference



Chief Minister of Maharashtra
Announcing an Idea for
Establishing
State-of-art
Science
Laboratory at
Each District of
Maharashtra
during Research
for Resurgence
Conference,
Nagpur, February
2016

Vision: RFRF Envisages *Bharat* as a Strong Contributor to Global Research & Development in Every Field Bringing Wellbeing of Human and Protection of the Environment

Mission: Global Level Advanced Research Center for varied fields as Platform for Scientific Community of the World and Traditional Researchers

Objectives of the Foundation:

The major objective of the Research for Resurgence Foundation is to bring paradigm shift in research methodologies and philosophy to achieve Resurgence. The detailed objectives are as following;

- To **promote research tools, skills and methodology** for Indian context
- To develop a **critical mass of researchers** to promote relevant R&D by supporting research
- To create and maintain a **depository of research ideas**, efforts, lessons learned.
- To develop and execute the **missions mode projects**
- To undertake and promote **translatory research** through pilot demonstrations and incubation center for upscaling and commercialization of R&D efforts/outcome

Objectives of the Foundation:

- To establish **intellectual property right center** to promote obtaining IPR and support various researchers with foundation and outside for the same
- To develop training programme and materials for **training of researchers and supervisors for research methodology** to conduct more effective research using contemporized tools
- To establish an **Industry-Foundation Interaction cell** to identify the need of research in Industry for product and productivity improvement
- To develop **mentorship program**
- To establish **collaborations** with various institutes of repute in India and abroad
- To obtain and manage **funding for R&D** and other activities of foundation.
- To provide **fellowships to the researchers**
- Any other programs with due permission of Executive Body.

4R: Foundation at a Glance

Research	Researchers	Resources	Reach
<ul style="list-style-type: none">• Basic and Applied Research• Mission mode projects• Pilot Demonstrations	<ul style="list-style-type: none">• Training development• Fellowships to researcher• IPR support• Critical mass of researchers	<ul style="list-style-type: none">• Knowledge Resource Center• Fund generation & management	<ul style="list-style-type: none">• Pilot Demonstrations• Technology park• Publication• Industry interaction

Proposed Centers

- Fundamental Research Center
- Technology Demonstration Park
- Industry Interaction and Incubation center
- Agricultural & Forestry Research Center
- Educational Research Center
- International Collaboration Center
- Intellectual Property Right Center
- Collegium and Conventions Center
- Training & Capacity Building Center
- Yoga and Health Center
- Knowledge Resource Center
- Publication House
- Project Monitoring and Evaluation Division
- Administration
- Finance and Accounts
- Research Scholar Home and facilitation Center

**Fundamental
Research Centre**

With state-of-advanced sophisticated equipment and accessibility centre will have focus on bringing paradigm shift in fundamental research in natural and engineering science for well-being of humans and protection of environment

Skill education, focus on training of trainers, vocational education, help developing curriculum, mapping aspiration of youth and societal requirements.

**Educational
Research Centre**

**Agricultural & Forestry
Research Centre**

Focus on productivity increase, water conservation, use of recycle water to reduce the stress, minimization of post-harvest loss of agricultural produce, IT and economic tools for changing agricultural scenario

Demonstration of various technologies form innovative efforts both with formal and not-so-formal innovators. Technology bench and pilot scale demonstrations with lessons learnt to facilitate informed decision on implementation of technologies

**Technology
Demonstration Park**

Incubation Centre

Incubation of innovative start-ups in various fields including, Environment, Agriculture, Cyber tools, Machines & Equipment. Further, Incubation of potential incubation centre ideas

Knowledge resource centre with open space for interaction for all knowledge seekers. The novel concept of contributing back in KRC while seeking knowledge. Connectivity to KRCs and archives nationally and internationally.

**Knowledge Resource
Centre**

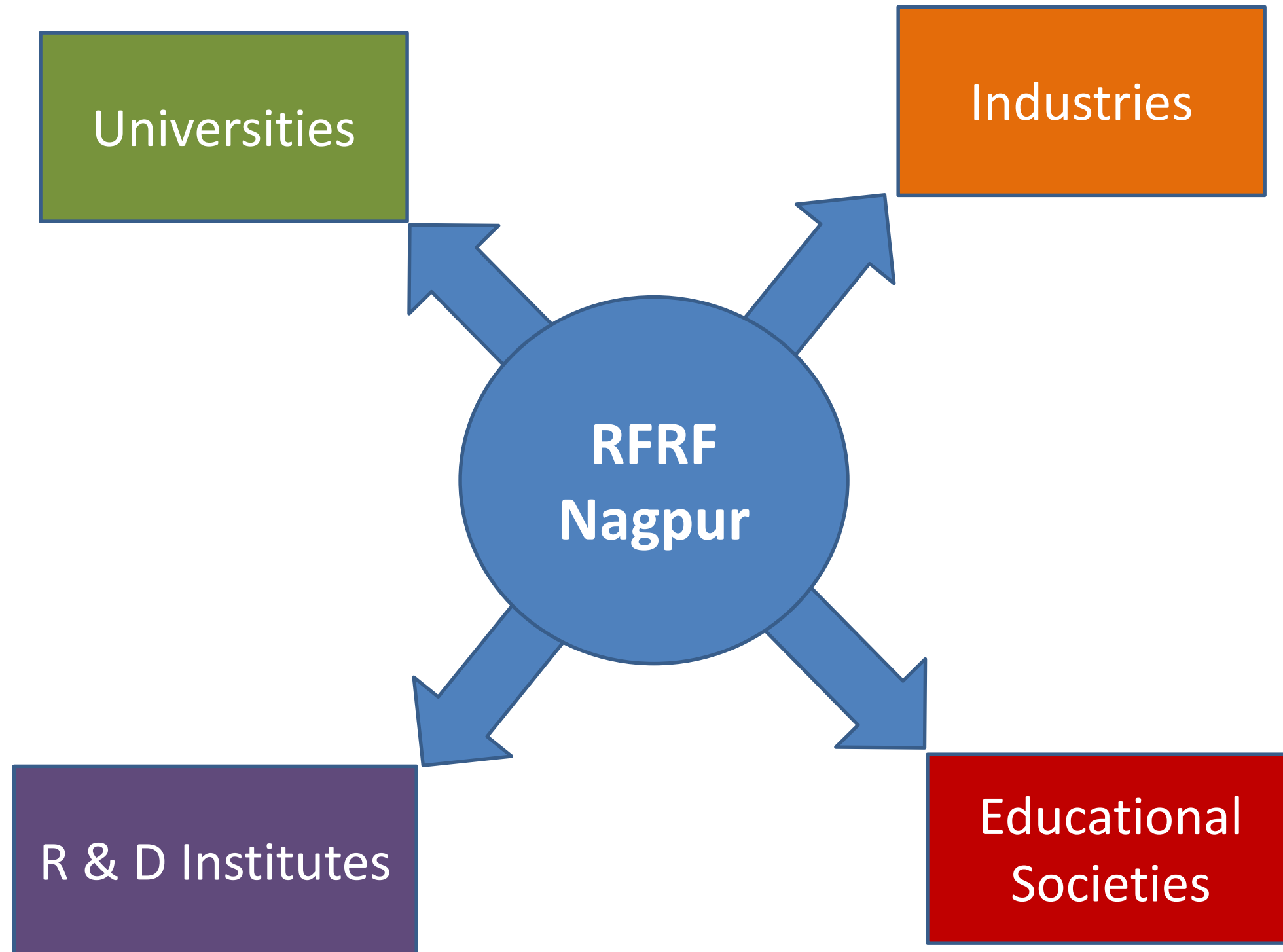
KRC Data Centre: First Step of RFRF

CSR funds of ONGC and Space by STPI

Parameter	Specification
Servers	Blade Chassis with DC & DR servers, Flex Chassis & External SAN Storage
OS & system software	Cent OS, Backup and replication Software
Network Devices	CISCO Switch & Routers 2911 at DC 1921 at DR & SG 300- 28 at DC & DR
Storage	External SAN Storage
Data protection	State of art Firewall & Anti-virus
Applicability	Knowledge Resource hosting / Big Data Processing / Data Security hosting for bank and other financial institute / e-learning platform



Out-Reach Centers (Axis & Spoke Model)



- Presently 12 Universities/institutes have entered into MoU with RFRF
- About 50 MoUs will be signed by March 2018

What RFRF Provides to Academic Partners

- The role and responsibilities of RFRF
 - To provide Title “Academic Associate” & its certification
 - To provide access to knowledge resource centre of RFR Foundation.
 - To facilitate AP for industry-academia, academia-academia collaborations at national & international level.
 - To provide support in conduction of Refresher Courses, Orientation courses, Research methodology programs and faculty development program.
 - To develop and disseminate the novel and state-of-the-art course contents in mutually identified new areas.
 - Promotion of Research Activities in common interest area. RFRF will in mutual consent of AP will identify a few core areas of research aligning with the Universities agenda/major focus.
 - Privileged invitation for event(s) / program(s) organized by RFR foundation and Bhartiya Shikshan Mandal (limited number of guests)
 - Display and information about facilities and opportunities at AP in the reception gallery at foundation.
 - Two nominations (incumbent authorities) in *Samanvay Sabha* for associates.
 - Support in execution, monitoring and evaluation process of various research activities.
 - Access and usage of knowledge resource centre, infrastructural facilities such as convention centre at special ‘Academic Associates’ discounted charges.
 - The facilities for students and faculties at concessional charges.
 - Consultation, unbiased evolution of various educational processes as RFR foundation **Academic & Administrative Audit** program.
 - Information and invitation for research events conducted by other associate members for associates’ network.

What RFRF Expects from Academic Partners

- Setting-up functional RFR foundation extension centre in academic campus for,
 - Awareness, publicity & accessibility for RFR foundation work, facilities and opportunities.
 - Awareness, publicity & accessibility for research activities, programs, Seminar, workshops, conferences and like to be jointly organized.
 - Philosophical acceptance and responsibility towards concept of 'Resurgence'.
 - Monitoring, execution and evaluation of parameter/s of research applicability for nation / society / local requirement, incorporation of Bhartiya methodology and references in various programs at institutional level including Ph.D., M.Phil., Post Graduation, Under Graduation research projects and research methodology program.
 - Establishing platform for converting strength & excellence in terms of infrastructure and human resource for betterment of educational systems across world.
- To organize national, international events, program at mutually agreed interval
- To provide infrastructure, academic & technical Support in various activities organized by RFR Foundation, subject to availability.
- Promote and support student(s), faculty(s) exchange programs.
- Maintain cordial working relations and co-operation among other Academic associates and Industrial associates of RFR Foundation.
- Active participation in associate members' annual meetings organized by RFR Foundation.

contact

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Thank You