ENTREPRENEURSHIP CELL

A separate Entrepreneurship Development Cell is established, which conducts entrepreneurship training programs and provides assistance to students in preparing prototype projects and providing data required for becoming entrepreneurs.

New Age Incubation Network Centre, Govt. of Karnataka and Start-up Cell function under EDC.

ORGANOGRAM FOR EDC:

![Organogram for EDC]

Entrepreneurship Development Cell (EDC).

The objective of this cell is to develop spirit of entrepreneurship among the students and Also, to catalyze and promote development of S&T based enterprises and promote employment opportunities. Activities of this cell include creating awareness programmes, Mentoring students, assisting in getting financial support for start-ups.

In EDC we encourage students, research scholars and alumni to share their ideas to solve chosen problems which are local centric and to validate, refine and nurture the ideas. EDC established in college premises will provide an ecosystem to convert the ideas into proof of concept and upgrade them to a level of commercial value.

Major Initiatives:

i) Create Awareness about Entrepreneurship: We Create Handouts, Posters regarding various entrepreneurial activities like Idea Presentation Competition, Business Model Competition, Entrepreneurial Boot camps and Circulate to various Depts. EDC Coordinators will visit classrooms and give seminar on need for entrepreneurship in India and various facilities that are going to be provided by EDC to Encourage Entrepreneurship and motivate students for enrollment.
ii) **Entrepreneurial Competency Test (ECT)** is going to be conducted for the students enrolled at EDC to test their entrepreneurial abilities.

iii) **Idea Screening Session or Invitation for Local Problems:**

Each student/alumni team will identify Regional and Local problems (unmet needs) that can be solved with technical knowledge pertaining to their domain. We Invite Experts from various Domains to give problems pertaining to their domain. Students will present their ideas with power point presentation containing problem statement, existing solutions, proposed solution, Advantages of proposed solution over existing solutions, Social Impact of the solution, Commercialization potential, Approximate cost estimation.

iv) **Evaluation of Ideas:**

We Invite Local Entrepreneurs, Senior Faculty Members from various Depts and Representative from GOK as judges during “Idea Screening Session”. Innovative, Practically Implementable, Social Impact, Presentation, Technical Proficiency and commercialization potential are various criteria considered for evaluation.

v) **Idea Review Meeting:**

Its going to be held within one week after “Idea Screening Session” Principal, EDC Coordinators, Monitoring Committee members will review power point presentations and marks given by judges during “Idea Screening Session” and Finalize best 20 ideas at the college level for further support.

**Submission of Proposal and Fund Sanctioning:**

Each team after identification of the problem will refine the ideas and convert them to project proposals along with costing and other details. Such project proposals are then placed before and reviewed by College Level Monitoring committee Members and funding will be sanctioned after the approval of the screening committee for the implementation of the project.

**Assigning mentor to each project team and project monitoring:**

Mentor can be project domain expert from within college, or someone within local city or mentor can be someone from the mentor pool of GOK from various places. Assigning right mentor is core part of incubation process. Each team will be assigned a mentor; through mentor network during the execution of the project and the mentors will guide the teams in carrying out
their project as per guidelines. The EDC will review and monitor the progress of the project during the execution stage.

“Entrepreneurial Boot Camp Or Workshop”:

Selected teams will be participants. We invite local Entrepreneurs for motivational speech. Experts conduct sessions on Developing entrepreneurial mind-sets, Idea Generation, Business Plan Preparation, Design Thinking, Revenue Model, Financial Projections for startup, marketing techniques and market survey of products, E-Marketing, Patenting and Company Incorporation.

The institute recognizes entrepreneurship as a career for the students, which enables them to be job creators.

- To create an awareness about innovations and entrepreneurship, the institute has included in the curriculum, two core subjects:
  - Intellectual property rights
  - Entrepreneurship and Managerial Accounting

- To foster innovation in technologies useful for common man, the Karnataka State Government has identified our institute as one of the centres for New Age Incubation Network (NAIN), sponsored by Ministry of IT and BT. Ten best projects identified by Ministry of IT and BT are funded Rs.3.00 lakhs each.

- For the year 2014-15, 24 innovative ideas were presented by the students out of which 10 projects were completed. Ours was the only institute to showcase all the 10 projects.

- For the year 2015-16, 33 projects were presented by the students out of which 11 were approved by the Ministry of IT and BT. These projects are under progress.

During the course of the project, the students are exposed to the process of converting their ideas into commercially viable products through seminars and workshops organized by Ministry of IT and BT.

The institute is planning to register the projects selected as start-up companies in the name of the students, which will encourage them to become entrepreneurs.

The students of the institute also take part in innovation related competitions.
**New Age Incubation Network (NAIN)-2015-16**

Number of students registered: Approximately 200 Students.
Number of ideas presented: 34
Number of Ideas Selected at the College Level: 20
Number of proposals sent to IT, BT and S&T Dept: 15 Proposals
Number of Ideas selected by IT, BT and S&T Dept. for funding: 10

**Events Carried Out:**

1. Entrepreneurial Competency Test Conducted for more than 150 students from various Depts.
2. Idea Competition was held in the name of “Student Entrepreneurs Meet”
3. 3 days workshop for selected 60 participants of New Age Incubation Network (NAIN) Project by Resource persons from Dept. of MBA 29th, 30th, and 31st October 2015 Key
   Resource Persons:
   a. Mr. Rupam Das, CEO, Integrated Ideas Consultancy Services, Gulbarga.
      Topic: “Need for Entrepreneurship in India”
   b. Prof. Pandurang Patti, Dept. of Commerce, Central University, Gulbarga.
   c. Prof. Sunil Pawar, Dept. of Business Studies, Central University, Gulbarga.
      Topic: Business Plan Preparation and Marketing aspects.
   d. Prof. Konek, Central University Gulbarga.
      Topic: Financial projections concerned to startup business.
4. **BIZ-NAIN Event at SIT, Tumkur on 28th and 29th July 2015 for selected 10 students from NAIN first batch.**
   - Panel discussion on innovation and incubation process.
   - Panel discussion on support provided by Govt. for start-ups, various funding agencies and venture capitalists.
5. **Hackathon Event at GIT Belgaum for selected 40 students from first and second batch of NAIN in NOV 2015.**
   - Demonstration of two prototypes developed by first batch students of NAIN, viz
     Prototype1:” Solar Based Oxygen Synthesizing and air purification tree”
     Prototype2:” Solar and Laser Based Fencing for Farmers Field”
   - Motivational Speech by Belgavi Based Successful Entrepreneur in “Aerospace domain”.
Session by Mr. Kiruba Shankar, Social Media Entrepreneur from Chennai, Tamil Nadu, on “Qualities to be possessed by Successful Entrepreneur”.

**New Age Incubation Network (NAIN)-2016-17**

Number of students registered: Approximately 180 Students.
Number of ideas presented: 40
Number of Ideas Selected at the College Level: 20
Number of proposals sent to IT, BT and S&T Dept.: 15 Proposals
Number of Ideas selected by IT, BT and S&T Dept. for funding: 11

**Events Carried Out:**

1. Entrepreneurial Competency Test Conducted for more than 150 students from various Depts.
2. Idea Competition was held in the name of “Student Entrepreneurs Meet”
   - Inaugurated by Honourable IT, BT Minister Mr. S.R Patil.
   - All the 10 prototypes developed by first batch students of NAIN were exhibited in the above said event.

4. ISBA Conference at Hyatt Pune on 10th and 11th September 2016.
   - Regional coordinator of NAIN represented PDA college.

5. Two days workshop on 13th and 14th October 2016 on “Design Thinking” conducted by workbench projects recognized by IT, BT Dept. Govt. of Karnataka at PDA Engg College.
   - Attended by Nearly 100 Students from various departments.
   - Some 12 ideas were selected for the second phase of “Idea Currency 2016”.
   - Four teams participated in the second phase of “Idea Currency 2016” and developed their prototypes by staying in Bangalore from 23rd Nov to 30th Nov 2016.
   - Four Teams Demonstrated their prototypes at ITE.BIZ Event 2016.

6. One day Workshop on “Design Thinking Leadership and Social Entrepreneurship conducted by LEAD Deshpande Foundation, Hubli on 25th October 2016 at PDA Engg College.
   - Workshop on “Design Thinking” Model used for product development.
   - Attended by 108 students from various departments.

Key Resource Persons: Mrs. Claire from California USA.
5. One day workshop by “Your Story” Organization on 5th Nov 2016 at PDA Engg College.

- Attended by nearly 50 selected students from various departments.
- Motivational speech by successful entrepreneur Mr. Koti Reddy from Koti group of industries, Hyderabad, Telagana.
- Motivational Speech by Mr. TJ from Eventosaur organization.
- Session on “Search Engine Optimization” by Firasat Sir of “your Story” organization.
- Total of seventeen teams developed “Business Model canvas” as per the guidance of Mr. Alok Soni from “Your Story” Organization.

New Age Incubation Network (NAIN)-2017-18

Number of students registered: Approximately 180 Students.
Number of ideas presented: 35
Number of Ideas Selected at the College Level: 20
Number of proposals sent to IT, BT and S&T Dept. for funding: 15 Proposals
Number of Ideas selected by IT, BT and S&T Dept. for funding: 11

Events Carried Out:
1. Entrepreneurial Competency Test Conducted for more than 150 students from various Depts.
2. Idea Competition was held in the name of “Student Entrepreneurs Meet”

Hackathon-2017 event was inaugurated by Honourable Minister for IT,BT and S&T Dept. Govt. of Karnataka

Sri. Priyank Kharge Ji accompanied by Zilla Panchayat President ,Smt. Suvarna Malaji, Mayor City corporation Gulbarga, President NEKRTC Sri Iliyas Bhagban, Sri Suryakanth Patil, Vice-President, H.K.E Society and other council members of H.K.E Society.

- Inauguration session was attended by more than 400 students from various branches.
- Attended by approximately 120 students from three different engineering colleges including PDA.

PDA Engineering college-Host College
Basaveshwar Engineering College, Bagalkot-Guest College
BLDEA’s Dr. P.G Halkatti College of Engineering, Bijapur-Guest College
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>Day 1</td>
<td></td>
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<tr>
<td>10:00</td>
<td>Inauguration and Introduction to NAIN hackathon</td>
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<tr>
<td>10:30</td>
<td>Lead talk 1 - Anish Basu Roy, Co-founder, Shotang</td>
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<tr>
<td>12:00</td>
<td>Lead talk 2 - Vishal BG, Operations Director, Shotang</td>
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<tr>
<td>13:30</td>
<td>Lunch</td>
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<tr>
<td>15:00</td>
<td>Game Development Workshop</td>
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<tr>
<td>18:30</td>
<td>Break and hackathon set up</td>
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<tr>
<td>19:00</td>
<td>Hackathon ideas pitching and teams formation</td>
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<td>20:00</td>
<td>Dinner</td>
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<tr>
<td>21:30</td>
<td>Hackathon continued till 4.30 AM</td>
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<tr>
<td>Day 2</td>
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</tr>
<tr>
<td>10:00</td>
<td>Hackathon judging and demos</td>
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<tr>
<td>13:00</td>
<td>Lunch</td>
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<tr>
<td>14:00</td>
<td>Lead talk 3 - Rohan Shenoy, founder Build Inn</td>
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<tr>
<td>15:30</td>
<td>Quiz(on tech and startups)</td>
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<tr>
<td>16:30</td>
<td>Awards and valedictory</td>
</tr>
</tbody>
</table>

Following two teams are the winners of Hackathon 2017 from PDA Engineering College, Kalaburgi. They are distributed with vouchers of Flipkart as a token of appreciation.

**Project1: Digital receptionist:**
1. Ranjita: Cell No-8861630801, Mail id-Ranjitababladi23@gmail.com
2. Keerti: CellNo-8123213095, Mail id-keertigk96@gmail.com
3. Sheetal: Cell No-7406228959, Mail id-Sheetalakulkarni43@gmail.com.
Project2: Electrostatic pesticide sprayer:
1. Shreekant Gurlakatti, Mobile number #9591207941, Mail ID: Shree23989@gmail.com
2. Abhishek Yalameli, Mobile number #7022112624, Mail ID: abhushekyalameli@gmail.com
3. Arjun, Mobile number #9686865981, Mail ID: arjunmali5981@gmail.com
4. Praveen, Mobile number #8892454552, Mail ID: praveenmyalove143@gmail.com

4). Innovate Karnataka Event at Hotel Lalit Ashoka Bangalore on 1st March 2018.
- Attended by Regional Coordinator, College Coordinator and 6 students.

5) “Business Model Canvas for start-ups” at SIT, Tumkur on 6th and 7th July 2018.
- Introduction and 3 minutes presentation of ideas of participants.
- Idea Evaluation.
- Group work on idea evaluation.
- Introduction to business models.
- Introduction to business model canvas.
- Group work on business model canvas.
- Group presentation on business model.

Key Resource Person: Mr. Jagannathan of National Entrepreneurship Network (NEN).

6) Inauguration of Sandbox Startups, Largest Incubation Centre and panel discussion at Hubli on 18/07/2018.
- Attended by Regional Coordinator, NAIN.
- Mr. Amitabh Kant CEO of Niti Aayog and Dr. Desh Deshpande, Founder of Deshpande Foundation were part of Panel Discussion.
- Round Table Meeting with all the Academic Incubation Centre Coordinators.

7) Two Days workshop on K-Tech Nascom Warehouse, Bangalore on 11th and 12th October 2018.
- Attended by Regional Coordinator, NAIN.

Key Features
- Designing a roadmap for an innovation economy of the state.
- Identifying a set of new initiatives to further promote and nurture innovation in the state.
- Launch the innovation authority bill and Regulatory Sandbox

8) **Sparkathon -2018 Event on 13th and 14th Nov 2018 at SDMCET, Dharwad.**
- Attended by around 38 students from various Depts. of PDA Engg College.

**Day 1**
- Introduction to Entrepreneurship.
- Introduction to Idea Generation.
- Idea Generation Exercise.
- Introduction to Innovation
- Basics of Design Thinking.
- Design Thinking Exercise.
- Introduction to Idea Evaluation.

**Day 2**
- Introduction to business model canvas.
- Group work on business model canvas.
- Group presentation on business model.
- Feedback on team presentation and discussion.
9) Bangalore Tech Summit event on 29th, 30th Nov and 1st December 2018.
-Attended by Regional Coordinator and College Coordinator of NAIN.